



02-8707-07-PA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

COMPLETED
FILE COPY

Fairchild Instrument Corporation
Site Name

NYD-980754709
EPA Site ID Number

300 Robbins Lane
Syosset, New York 11791
Address

02-8707-07
TDD Number

Date of Site Visit: July 14, 1987

SITE DESCRIPTION

Fairchild Instrument Corporation is located in a densely populated section of Syosset, New York. Although Fairchild is in a commercially zoned area, it is surrounded by private housing. The facility is entirely fenced and access is limited to employees and official visitors. There are no large surface water bodies within three miles of this site. Fairchild works on military contracts for the United States government. Various electronic components are fabricated at this facility. Hazardous wastes of various types (acid waste, corrosive waste, solvents, oils, paints and sludge) are generated at this facility. The wastes are temporarily stored on site (for no more than ninety days) and then hauled offsite by licensed hazardous waste transporters. The area around the storage pad is bermed (with gravel and soil) and lined with impervious soil (clay). The storage pad has a concrete floor and a leachate collection system to prevent inadvertent discharges from migrating from this area. Fairchild also generates wastes from the pretreatment of process effluent. The pretreatment system allows for pH control and, if necessary, precipitation/flocculation (for heavy metals) and filtering of the final effluent (see attachment).

PRIORITY FOR FURTHER ACTION: High Medium Low None X

RECOMMENDATIONS

A site inspection is not recommended. This facility operates under very restrictive guidelines enacted and enforced by the Nassau County Division of Environmental Health (NCDEH). Fairchild is also subject to random inspections by government officials and other consultants, because they work on government contracts. The hazardous waste areas of this facility were recently inspected (July '87) by the NCDEH and no violations were noted. In early August (1987) the NCDEH will inspect the pretreatment areas. Because of the lack of complaints and violations involving Fairchild and the careful monitoring by Nassau County, no further action is recommended.

Prepared by: William Schnitzerling
of NUS Corporation

Date: 08/04/87

314811



SITE DESCRIPTION (Cont'd)

The filter residue and the flocculate are drummed, stored and transported off site by licensed haulers. The hazardous waste management and the pretreatment process are closely regulated by the Nassau County Division of Environment Health (NCDEH). The New York State Department of Environmental Conservation also monitors Fairchild's hazardous waste management. The effluent is constantly monitored and monthly sample results are reviewed by the NCDEH. This facility is permitted under the new Article 11 Permit System which is enforced by Nassau County. Under this system chemicals brought into a facility (for the production process) as well as wastes generated by a company must be registered with the county. County officials then compare the production chemicals with the wastes to ensure the reported chemical/waste inventory is accurate. The permit is renewed every five years and the facility is subject to random inspections and sampling. The Article 11 permit is more restrictive and comprehensive than the RCRA regulations that Fairchild previously followed. Because Article 11 is a county regulation, the state has let Nassau County officials monitor the Fairchild operation. Since 1953 the only compliance problems Fairchild has had with the numerous hazardous waste and pretreatment permits they operate under have been minor paperwork violations. This facility has never had a leak or spill of any chemicals or hazardous wastes, and they have passed every inspection of their hazardous waste management and pretreatment facilities. The monthly effluent sampling results have never been above limits specified in their discharge permits (Because of this county officials are reducing Fairchild's sampling requirements to quarterly instead of monthly.) There are no complaints, violations or pending litigations against the Fairchild Instrument Corporation on the local, state or federal level.

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY D980754709

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
Fairchild Instrument Corporation 300 Robbins Lane
03 CITY 04 STATE 05 ZIP CODE 06 COUNTY 07 COUNTY 08 CONG DIST.
Syosset NY 11791 Nassau CODE
09 COORDINATES 059 4
LATITUDE LONGITUDE
4 00 4 7' 4 6" N 0 7 30 3 1' 0 3" W

10 DIRECTIONS TO SITE (Starting from nearest public road)

Follow Rte 440E into Staten Island to Rte 278E. Stay on Rte 278 to Marlene Drive. Make the first right onto Robbins Lane (Robbins Lane runs under Rte 495. The Fairchild Instrument Corporation is located at 300 Robbins Lane.

III. RESPONSIBLE PARTIES

01 OWNER (if known) 02 STREET (Business, mailing, residential)
Fairchild Camera and Instrument Corp. 464 Ellis Street
03 CITY 04 STATE 05 ZIP CODE 06 TELEPHONE NUMBER
Mountain View CA 94042 (516) 931-4500
07 OPERATOR (if known and different from owner) 08 STREET (Business, mailing, residential)
09 CITY 10 STATE 11 ZIP CODE 12 TELEPHONE NUMBER

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL: (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: (Specify) ☐ G. UNKNOWN

14. OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☒ A. RCRA 3001 DATE RECEIVED: 1/10/86 ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: / /
☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION BY (Check all that apply)
☒ YES DATE: 7 / / 87 ☐ A. EPA ☐ B. EPA CONTRACTOR ☐ C. STATE ☐ D. OTHER CONTRACTOR
☐ NO ☒ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: (Specify)
CONTRACTOR NAME(S):

02 SITE STATUS (Check one)

☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN 03 YEARS OF OPERATION
10/09/53 / Present UNKNOWN
BEGINNING ENDING

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Fairchild manufactures electronic components. Hazardous waste of various types (acid wastes, corrosive wastes, solvents, oils and resins) are collected from the various parts of the plant. The waste is stored in 55 gallon drums and shipped off site approximately every 90 days.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Any spill or leak of chemicals from this facility has the potential to contaminate the underlying aquifers (the Magothy and the Lloyd), which are the sole drinking water sources for Nassau and Suffolk Counties.

IV. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspection on time available basis) ☒ D. NONE
(No further action needed. complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT 02 OF (Agency/Organization) 03 TELEPHONE NUMBER
Diana Messina U.S. EPA Region 2 (201) 321-6776
04 PERSON RESPONSIBLE FOR ASSESSMENT 05 AGENCY 06 ORGANIZATION 07 TELEPHONE NUMBER 08 DATE
William Schnitzerling EPA NUS FIT 2 (201) 225-6160 08 / 04 / 87

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY 0980754709

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply) 02 WASTE QUANTITY AT SITE 03 WASTE CHARACTERISTICS (Check all that apply)

| | | | | | |
|--------------------|-----------|--|-----------------|-----------------|--------------------|
| - A. SOLID | E. SLURRY | (Measures of waste quantities must be independent) | X A. TOXIC | E. SOLUBLE | I. HIGHLY VOLATILE |
| X B. POWDER, FINES | F. LIQUID | | X B. CORROSIVE | - F. INFECTIOUS | - J. EXPLOSIVE |
| X C. SLUDGE | - G. GAS | | C. RADIOACTIVE | G. FLAMMABLE | X K. REACTIVE |
| - D. OTHER: | | | X D. PERSISTENT | X H. IGNITABLE | - L. INCOMPATIBLE |

(Specify) _____ TONS _____
CUBIC YARDS _____
NO. OF DRUMS 72

III. WASTE TYPE

| CATEGORY | SUBSTANCE NAME | 01 GROSS AMOUNT | 02 UNIT OF MEASURE | 03 COMMENTS |
|----------|-------------------------|-----------------|--------------------|---|
| SLU | SLUDGE | Unknown | drums | Waste from pretreatment process |
| OLW | OILY WASTE | Unknown | drums | Waste from metal lubrication |
| SOL | SOLVENTS | Unknown | drums/gpd | Electroplating waste drummed sludge or discharged liquid. |
| PSD | PESTICIDES | | | |
| OCC | OTHER ORGANIC CHEMICALS | Unknown | drums/gpd | Electroplating waste drummed sludge or discharged liquid. |
| IOC | INORGANIC CHEMICALS | Unknown | drums/gpd | Electroplating waste drummed sludge or discharged liquid. |
| ACD | ACIDS | Unknown | drums/gpd | Electroplating waste drummed sludge or discharged liquid. |
| BAS | BASES | | | |
| MES | HEAVY METALS | Unknown | drums/gpd | Electroplating waste drummed sludge or discharged liquid. |

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

| CATEGORY | 02 SUBSTANCE NAME | 03 CAS NUMBER | 04 STORAGE/DISPOSAL METHOD | 05 CONCENTRATION | 06 MEASURE OF CONCENTRATION |
|----------|------------------------------|---------------|--|------------------|-----------------------------|
| SLU | Pretreatment Waste | 999 | Temporary storage on site/Hauling | Unknown | |
| OLW | Waste from metal lubrication | 999 | Temporary storage on site/Hauling | Unknown | |
| SOL | Electroplating Wastes | 999 | Pretreatment and discharge to Cedar Creek WWTP/Hauling | Unknown | |
| OCC | 1,1,1-Trichloroethane | 2523-89-1 | Pretreatment and discharge to Cedar Creek WWTP/Hauling | Unknown | |
| IOC | Cyanide | 999 | Pretreatment and discharge to Cedar Creek WWTP/Hauling | Unknown | |
| ACD | Sulfuric Acid | 7664-93-9 | Pretreatment and discharge to Cedar Creek WWTP/Hauling | Unknown | |
| ACD | Nitric Acid | 7697-37-2 | Pretreatment and discharge to Cedar Creek WWTP/Hauling | Unknown | |
| IOC | Ammonium Persulfate | 7227540 | Pretreatment and discharge to Cedar Creek WWTP/Hauling | Unknown | |
| IOC | Cleaning Solutions | 57125 | Drummed and hauled offsite | Unknown | |
| MES | Beryllium | 7440-41-7 | Drummed and hauled offsite | Unknown | |
| SOL | Xylene (non halogenated) | 1330-20-7 | Drummed and hauled offsite | Unknown | |
| SOL | Toluene | 108-88-3 | Drummed and hauled offsite | Unknown | |
| SLU | Electroplating waste | 999 | Drummed and hauled offsite | Unknown | |
| OCC | Acetone | 67641 | Pretreatment and discharge to Cedar Creek WWTP/Hauling | Unknown | |
| ACD | Hydrochloric acid | 7647-01-0 | Pretreatment and discharge to Cedar Creek WWTP/Hauling | Unknown | |
| ACD | Fluorboric Acid | 999 | Pretreatment and discharge to Cedar Creek WWTP/Hauling | Unknown | |

V. FEEDSTOCKS (See Appendix for CAS Numbers)

| CATEGORY | 01 FEEDSTOCK NAME | 02 CAS NUMBER | CATEGORY | 01 FEEDSTOCK NAME | 02 CAS NUMBER |
|----------|-------------------|---------------|----------|-------------------|---------------|
| FDS | Nickel | 7440-02-0 | FDS | Beryllium | 7440-41-7 |
| FDS | Chromium | 7440-473 | FDS | Xylene | 1330-20-7 |
| FDS | Cyanide | 999 | FDS | Toluene | 108-88-3 |
| FDS | Copper | 7440-508 | FDS | Continued | |

VI. SOURCES OF INFORMATION (See specific references. e.g., state files, sample analysis, reports)

New York State Department of Environmental Conservation Inspection, report filed 1-10-86.
Off-site Reconnaissance performed by NUS 07/14/87.
RCRA Inspection by NYDEC 3/24/83.
Chemical/Solvent Waste Report filed by the Nassau County Health Department 1/17/81 and 2/3/83.
Telephone conversation with Nassau County Health Department - Environmental Health Division, Sanitary and Industrial Discharge Division and the Industrial Waste Division.
Telephone conversation with Jericho Water District Supervisor, Len Martling.

FAIRCHILD INSTRUMENTS

FORM 2070-12 ITEM NO. V
FEEDSTOCKS (CONT'D)

| <u>CATEGORY</u> | <u>FEEDSTOCK NAME</u> | <u>CAS NUMBER</u> |
|-----------------|-----------------------|-------------------|
| FDS | Ammonium Persulfate | 7727540 |
| FDS | Methylene Chloride | 75092 |
| FDS | Copper Sulfate | 7758987 |
| FDS | Stannous Fluoborate | 999 |
| FDS | Lead Fluoborate | 7439921 |
| FDS | Aqua Ammonia | 999 |
| FDS | Methyl Ethyl Ketone | 999 |
| FDS | Acetone | 67641 |

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

1. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY 0980754709

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 X A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 0 02 OBSERVED (DATE:) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

There is no potential for groundwater contamination from wastes generated and temporarily stored at this site. The storage areas are paved, bermed and lined with a leachate collection system. If a spill occurs the waste will be contained by these precautionary measures.

01 X B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 0 02 OBSERVED (DATE:) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

There is no potential for surface water contamination. If a spill occurs it will be contained by the dikes, curbs or the runoff collection system that surrounds this facility.

01 X C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: 0 02 OBSERVED (DATE:) POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

There is no potential for air contamination. The wastes generated by Fairchild have not been characterized as volatile by the NCDEH, the NYDEC or the EPA.

01 X D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: 52,535 02 OBSERVED (DATE:) X POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

There is potential for fire/explosive conditions because the on-site wastes are characterized as ignitable and reactive by the EPA.

01 X E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: Unknown 02 OBSERVED (DATE:) X POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

The facility is fenced, and the public does not have access to it. The waste storage area is properly protected against waste migration (according to the NYSDEC and the NCDEH). Workers may come into contact with the wastes on site, but it is unknown if all workers have access to the waste generation or storage areas. If waste are spilled while being transported off site both the public and employees may come into direct contact with the contaminants.

01 X F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: Unknown 02 OBSERVED (DATE:) X POTENTIAL ALLEGED
(ACRES) 04 NARRATIVE DESCRIPTION

Soil contamination may occur if wastes are spilled and migrate to the unpaved areas near the parking lots. These are the only unpaved areas on Fairchild's property.

01 X G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 195,150 02 OBSERVED (DATE:) X POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

There is no potential for drinking water contamination from wastes generated at this facility. Groundwater is used for drinking in this area. The waste containment systems (dikes, paved storage areas, berms, and leachate collection systems) will prevent waste migration from this site.

01 X H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: Unknown 02 OBSERVED (DATE:) X POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

There is potential for worker exposure/injury because wastes are generated and temporarily stored on site. It is unknown how many workers have access to area in which wastes are generated and/or stored.

01 X I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: 0 02 OBSERVED (DATE:) X POTENTIAL ALLEGED
04 NARRATIVE DESCRIPTION

There is no potential for population exposure/injury because wastes are properly managed by Fairchild. This facility has passed all inspections of its containment systems made by the NYSDEC and the NCDEH.

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

1. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY D980754709

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 _ OBSERVED (DATE: _____) ☒ POTENTIAL _ ALLEGED

The potential exists for damage to flora if wastes are spilled near the unpaved areas. There is little off-site flora. The runoff collection system and a curb system separate off-site flora from Fairchild.

01 ☒ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 _ OBSERVED (DATE: _____) ☒ POTENTIAL _ ALLEGED

There is a slight potential for damage to the small birds and animals living on this property. Fauna may be exposed if wastes are spilled and migrates to the unpaved, wooded areas on this site.

01 ☒ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 _ OBSERVED (DATE: _____) _ POTENTIAL _ ALLEGED

There is no potential for contamination of the food chain because the fauna or flora that maybe contaminated are not consumed by humans.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)
03 POPULATION POTENTIALLY AFFECTED: 0

02 _ OBSERVED (DATE: _____) _ POTENTIAL _ ALLEGED

04 NARRATIVE DESCRIPTION

There is no potential for unstable containment of wastes. Fairchild operates under stringent guidelines enforced by the NCDEH and the NYDEC. Since Fairchild began operating (1953), they have never been cited for improper waste containment.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 _ OBSERVED (DATE: _____) _ POTENTIAL _ ALLEGED

There is no potential for damage to off-site property. Wastes are properly contained. If a spill does occur the curbs and the leachate collection system will prevent wastes from migrating off site.

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTs
04 NARRATIVE DESCRIPTION

02 _ OBSERVED (DATE: _____) ☒ POTENTIAL _ ALLEGED

There is potential for contamination of sewers, stormdrains and WWP because Fairchild pretreats their effluent and then discharges it to the Cedar Creek WWP. This plant receives a combined flow from Fairchild. Any discharge of hazardous and/or untreated waste has the potential to contaminate the entire system.

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 _ OBSERVED (DATE: _____) _ POTENTIAL _ ALLEGED

There is no potential for illegal/unauthorized dumping. Fairchild operates under very strict permits and regulations. Their effluent is constantly monitored by the NCDEH, who also inspects and regulates Fairchild's hazardous waste management.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

Electroplating wastes, spent solvents, spent paints and pretreatment wastes are the only known potential hazards at Fairchild Instrument Corporation.

III. TOTAL POPULATION POTENTIALLY AFFECTED: 160,477

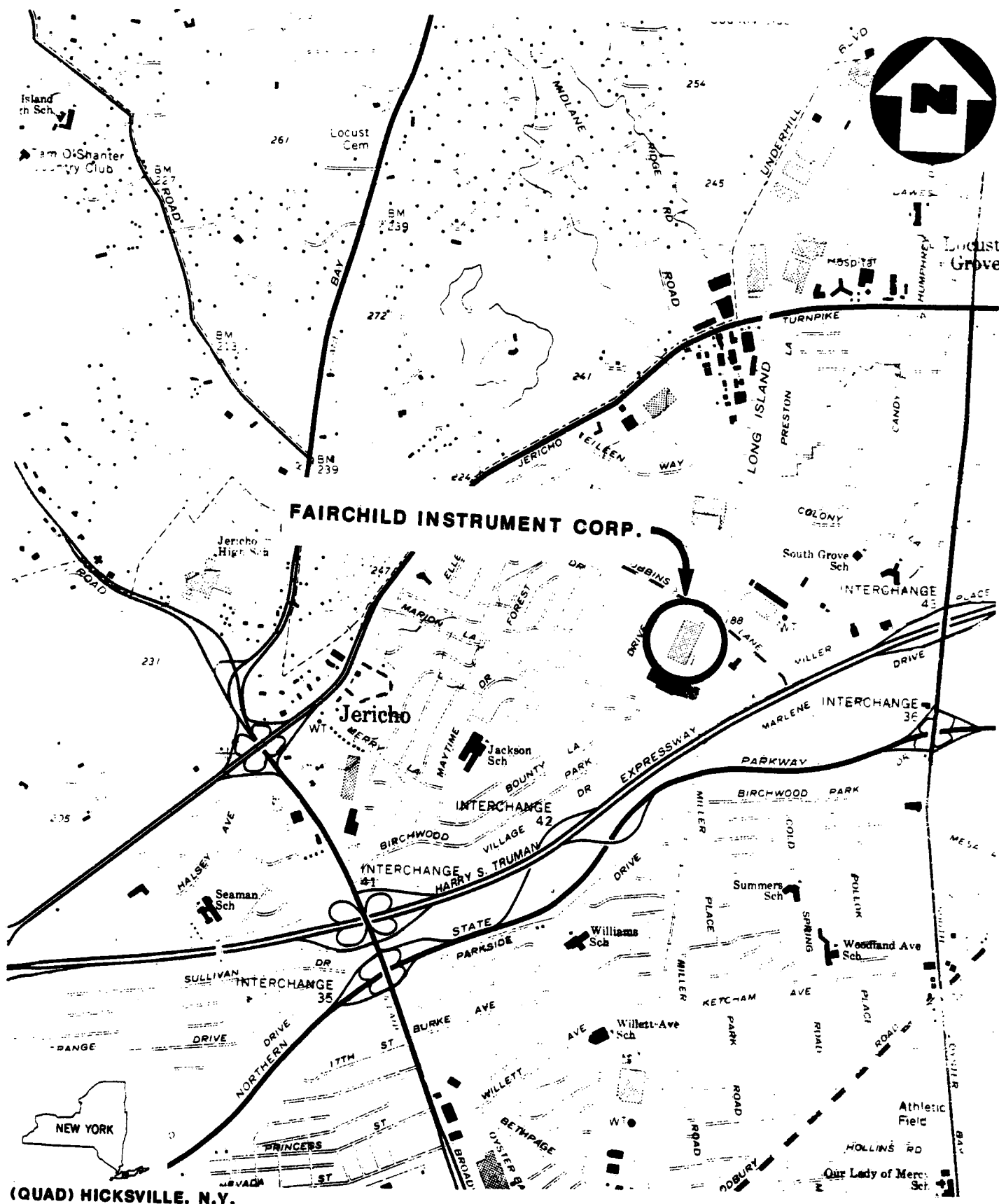
IV. COMMENTS

Fairchild began operations in 1953. Except for minor paperwork violations, this company has never been out of compliance with any discharge or hazardous waste management permits.

V. SOURCES OF INFORMATION (Cite specific references. e.g., state files, sample analysis, reports)

New York State Department of Environmental Conservation Inspection, filed 1-10-86.
Off-site Reconnaissance performed by NUS 07/14/87.
RCRA Inspection by NYDEC 3/24/83.
Chemical/Solvent Waste Report filed by the Nassau County Health Department 1/17/81 and 2/3/83.
Telephone conversation with Jericho Water District Supervisor, Len Martling.
Telephone conversation with Nassau County Health Department, Environmental Health Division, Sanitary and Industrial Discharge Division and the Industrial Waste Division.
EPA FORM 2070-12 (7-81)

APPENDIX A
MAPS AND PHOTOGRAPHS



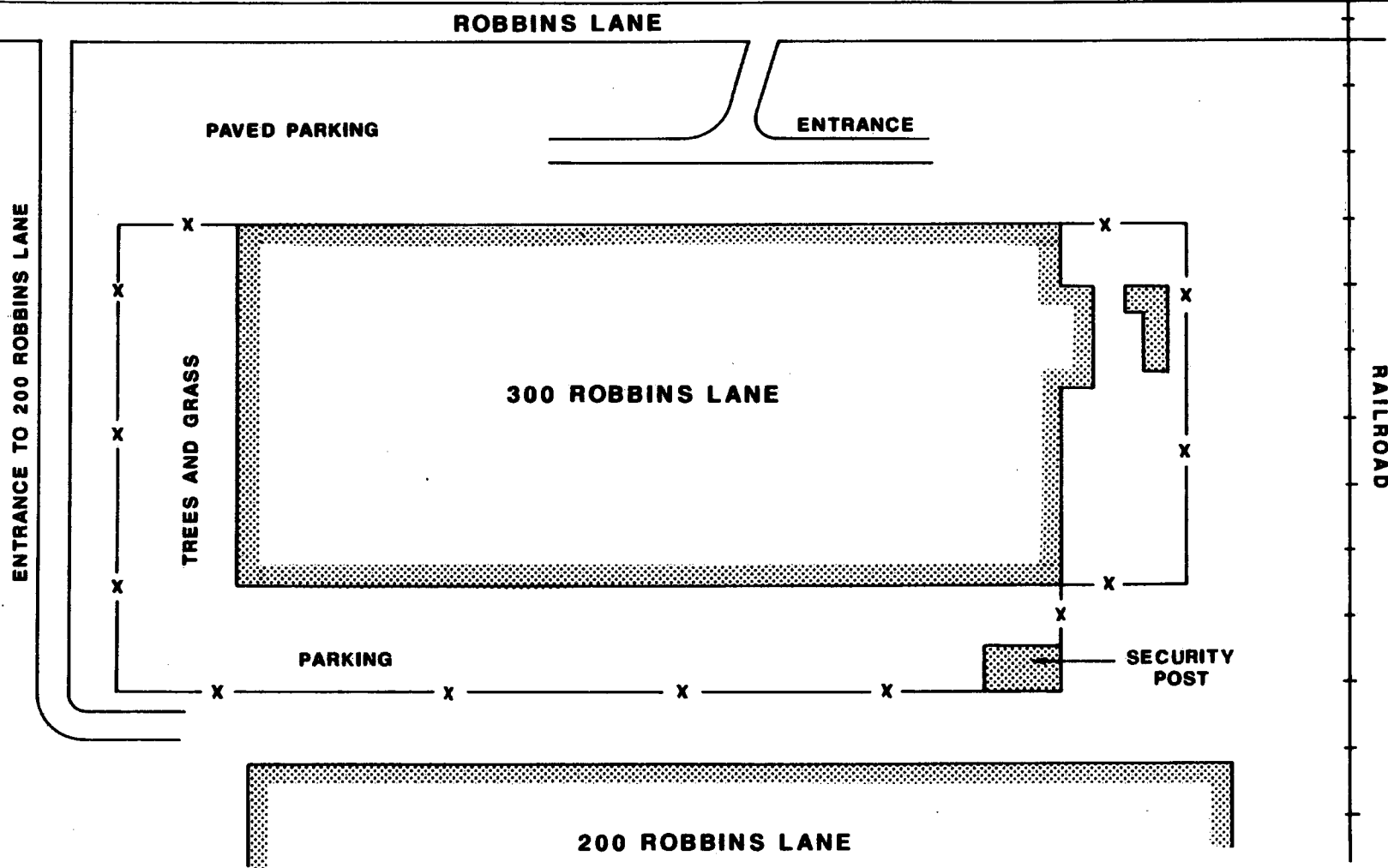
SITE LOCATION MAP

FAIRCHILD INSTRUMENT CORP., SYOSSET, N.Y.

SCALE: 1" = 2000'

FIGURE 1





SITE MAP
FAIRCHILD INSTRUMENT CORP., SYOSSET, N.Y.

(NOT TO SCALE)

FIGURE 2



FAIRCHILD INSTRUMENT CORPORATION
SYOSSET, NEW YORK
TDD# 02-8707-07
JULY 14, 1987

PHOTOGRAPH LOG

FAIRCHILD INSTRUMENT CORPORATION
SYOSSET, NEW YORK
TDD# 02-8707-07
JULY 14, 1987

PHOTOGRAPH INDEX

ALL PHOTOGRAPHS TAKEN BY STEVE MAYBURY

| <u>Photo Number</u> | <u>Description</u> | <u>Time</u> |
|---------------------|--|-------------|
| 1P-4 | Looking northeast toward the rear of the facility. | 1025 |
| 1P-5 | Looking southeast at the front of the building. | 1030 |
| 1P-6 | Looking southeast at the sign in front of the building. The building is in the background. | 1032 |

FAIRCHILD INSTRUMENT CORPORATION
SYOSSET, NEW YORK



1P-4

July 14, 1987

1025

Looking northeast toward the rear of the facility.



1P-5

July 14, 1987

1030

Looking southeast at the front of the building.

FAIRCHILD INSTRUMENT CORPORATION
SYOSSET, NEW YORK



1P-6

July 14, 1987

1032

Looking southeast at the sign in front of the building.
The building is in the background.

APPENDIX B

BACKGROUND INFORMATION

(POOR FILE COPY, SOME PAGES MAY BE HARD TO READ.)

INSPECTION FORM

REGION: 1Major: ☒Non-Major: ☐TSDF: ☐Substitution: ☐

NEW YORK STATE INDUSTRIAL HAZARDOUS WASTE MANAGEMENT ACT

(Chapter 639, Laws of 1978)

Prepared for:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Henry G. Williams, CommissionerDivision of Solid and Hazardous Waste
Norman H. Nosenchuck, DirectorSend to: Compliance Inspection Section
50 Wolf Road - Room 207/415
Albany, New York 12233-0001EPA I.D. NUMBER: N Y D D 6 1 9 5 6 4 7 0*HANDLER'S NAME (Corporate): Fairchild Weston Systems Inc
(Division): V*HANDLER'S MAILING ADDRESS: 300 Kobb... LaneCity, State & Zip Code
*HANDLER'S LOCATION ADDRESS: Syosset, NY 11791
(if different than mailing)City, State & Zip Code
*HANDLER'S TELEPHONE NUMBER: (516) 349-2200 Extension: 1*FULL NAME OF HANDLER'S CONTACT: (Mr.) (Ms.) Tom Green Planting*SIGNATURE OF HANDLER'S CONTACT: McH... head of plant services*TITLE OF HANDLER'S CONTACT: INSPECTION DATE: 1/10/86 TIME OF INSPECTION: 10 (a.m.) (p.m.)COUNTY: Massena E/A NUMBER: 2 8 2 4 0 0INSPECTOR'S NAME: Robert A. BeckmanTITLE: Plant ManagerNAME: TITLE: CHECK ONE: Copy of THIS form (☐ has) (☒ has not) been given/sent to the Handler.REPORT PREPARED BY: Robert A. Beckman DATE: 1/10/86REPORT APPROVED BY: Robert A. Beckman DATE: 1/2/86

(Inspection Form 85-86)

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* For the purpose of this Inspection Report - HANDLER means a hazardous waste Generator, Transporter, Storage or Disposal Facility (TSDF).

B. Is there reason, other than those above, for you to believe that there is hazardous waste on site? (Explain) _____

C. What other environmental permits are held by the company, relative to hazardous waste management?

✓ SPDES Permit Number NY-0076155 ✓ Air Permit Number C 282400
for cooling water (non waste) 0930 00002
Part 364 Industrial Waste Transporter Permit (indicate this company's permit number if any) WT

Please describe other relevant (if any) permits and give the name, address, Part 364 Permit Number and EPA I.D. Number of transporter(s) used by company.

Chemical Poll. Control NYD 082785429

D. If the facility is a treatment, storage or disposal facility, have they:

✓ Submitted a Part A application. _____ Have changes been made that are not reflected in the Part A application? Should the Part A be modified by the Company? _____ If so, explain.

_____ Submitted a Part B application.

_____ Been granted a Part 373 permit.

If so, when does it expire: _____

Please attach or explain any special conditions or variances - 360.1(g) _____

____ Been granted a hazardous waste Part B permit.

If so, also complete the facility Part B (Part 360) permitted inspection report - Appendix K.

- E. Describe the activities that result in the generation of hazardous waste. Include the company's manufacturing processes. _____

PC board engineering (prototype)
Machine shop Precision work
mostly coating. They do government work.
Paint shop. for army, air force.
Alloying plating.
Electrical shop & soldering, degreasing
Silicon Coating, putting (epoxy)

- F. Identify the hazardous wastes that are on-site and the quantity of each (use the identification numbers referred to in Part 371). _____

11. Trichloroethane F001 1 drum (55 gal)
waste oil D004 - " -
Toluene, xylene F005 dilute soln (Cu) 1 drum (55 gal)
isopropyl alcohol D001 " 1 drum (55 gal)
Ammonium hydroxide D009 none at present
Fluoroboric acid D002 "
Resin (Cr containing) D007 "
Hexal HOP (corrosive) D002 1 drum (55 gal)
(D002) 1 drum Cu solution (plating) 1 drum alkali soln (plating)
(corrosive) D002

- G. The handler notified EPA as a:

gen / TSD
but TSD status is not env-protective
filed.

Has EPA or DEC officially modified the handlers status? If so, attach correspondence. _____

2. Status Identification:

This handler should be inspected as a (check each appropriate category after considering exemptions)

A. _____ Transporter - complete Appendix B

B. Generator Status Identification 365.1

1. _____ Category 1 generator - small quantity generator - generates less than 100 kg/mo and stores less than 100 kg. - 372.1(e)(1)i - Complete Part II, 1A.
2. _____ Category 2 generator - small quantity generator - generates less than 100 kg/mo and stores more than 100 kg but less than 1,000 kg. - 372.1(e)(1)ii - Complete Part II, 1B.
3. _____ Category 3 generator - small quantity generator - generates more than 100 kg/mo but less than 1,000 kg/mo and stores less than 1,000 kg. - 372.1(e)(1)iii - Complete Part II, 1B and 1C.
4. _____ Category 4 generator - small quantity generator containing less than - (372.1(e)(1)(iv)) - Complete Part II, 1A.
365.1(e)(1)iv Below - Complete Part II, 1B.
 - (a) _____ A total of one kilogram of all commercial product or manufacturing chemical intermediate having the generic name listed in paragraph 371.4(d)5.
 - (b) _____ A total of one kilogram of any off-specification commercial chemical product or manufacturing chemical intermediate which, if it met specifications, would have the generic name listed in paragraph 371.4(d)5.
 - (c) _____ Any containers identified in paragraph 371.4(d)(3) of this title that are larger than 20 liters in capacity.
 - (d) _____ A total of 10 kilograms of inner liner from containers identified in paragraph 371.4(d)(3) of this title.
 - (e) _____ One hundred (100) kilograms of any residue or contaminated soil, water or other debris resulting from the cleanup of a spill, into or on any land or water, of any commercial chemical product, off-specification product, or manufacturing chemical intermediate having the generic name listed in paragraph 371.4(d)5 of this title.

5. ✓ Category 5 generator - generated 1,000 kilograms or more per month - Complete Part II.
6. X Category 6 generator - stores 1,000 kilograms or more. - Complete Part II.

C. Treatment, Storage or Disposal Facility Status

1. Is hazardous waste generated and stored on-site? , If so: NA
- (a) Has hazardous waste been stored on-site longer than 90 days? 373-1.1(d)(1)(iii) - If yes, complete Appendix A.
- (b) Has more than 8,800 gallons of hazardous waste been stored in containers? 373-1.1(d)(ii)(a) - If yes, complete Appendix A.
- (c) Has more than 20,000 gallons of hazardous waste been stored in tanks? 373-1.1(d)(iii)(b) - If yes, complete Appendix A.
2. Hazardous waste received from off-site and not beneficially used, reused or legitimately recycled or stored. If yes, complete Appendix A.
3. Hazardous waste is treated on-site.
4. Hazardous waste is disposed of on-site.

3. Exemptions

NA
If the handler is inspected other than as they notified (e.g., notified as generator/TSD - inspected as exempt generator) a full explanation should be included in Part III.

A. Generator Exemptions

- (1) Not a regulated handler (be sure to indicate why in Part I 1F and 1G and/or in appropriate exemption below - for example the company notified for precautionary reasons or the waste generated is not hazardous as specified in 371.1(e)(2).
- (2) Delisted hazardous waste. IDENTIFY the waste that was delisted: (If the company is in the delisting process they are still regulated until their delisting petition is favorably approved) Complete appropriate parts depending on company status.
- _____
- _____
- _____
- (3) Exemption for used engine lubricating oil. 372.1(e)(8) - Complete Part II, 13.

- (4) _____ Exemption for farmers. 372.1(e)(3). Only if he triple rinses each emptied pesticide container in accordance with paragraph 372.1(e)(3)(i), and disposes of the pesticide residues on his own farm in a manner consistent with Section 325.4(d) of this title or in a manner consistent with the disposal instructions on the pesticide label, whichever is more restrictive.
- (5) _____ Exemption for publicly owned treatment works 372.1(e)(4).
- (6) _____ Samples collected for testing. 372.1(e)(5).
- (7) _____ Residues of hazardous waste in empty containers. 372.1(e)(6).
- (8) _____ A hazardous waste which is generated in a product or raw material storage tank, a product or raw material transport vehicle or vessel, a product or raw material pipeline, or in a manufacturing process unit or an associated non-waste treatment manufacturing unit is not subject to regulation until it exits the unit in which it was generated, unless the unit is a surface impoundment, or unless the hazardous waste remains in the unit more than 90 days after the unit ceases to be operated for manufacturing, or for storage or transportation of product or raw materials. 372.1(e)(7).
- (9) _____ Mixed with non-hazardous waste is exempt only if unregulated quantity is mixed and the resulting mixture does not fail a characteristic test - 372.1(e)(1)(v).

B. TSD Exemptions

N/A

1. TSD exemptions - 373-1.1(d)(1) (for facilities and operations that manage hazardous waste other than waste oil)
 - (a) _____ The disposal of waste pesticides on a farm by the farmer who generated them if the container or inner liner has been triple rinsed or the inner liner has been removed and the disposal method is proper - 373-1.1(d)(1)(ii); 372.1(e)(3).
 - (b) _____ Storage of characteristic hazardous waste other than sludge prior to its beneficial use or reuse or legitimate recycling or reclamation. Any off-site facility which stores hazardous waste destined for energy recovery must obtain an EPA identification number. 373-1.1(d)(1)(vi). If yes, complete Part II, 2, 3C, 3D.
 - (c) _____ Beneficial use or reuse or legitimate recycling or reclamation of a characteristic hazardous waste other than sludge. (373-1.1(d)(1)(vii))
 - (d) _____ Beneficial use or reuse or legitimate recycling or reclamation of a listed hazardous waste or hazardous waste sludge other than at commercial facilities. Any off-site facility must have an EPA identification number. (373-1.1(d)(1)(viii))

- (e) _____ The treatment of characteristic hazardous waste other than sludge prior to its beneficial use or reuse or legitimate recycling or reclamation. 373-1.1(d)(1)(ix).
- (f) _____ The treatment of a listed hazardous waste or hazardous waste sludge prior to its beneficial use or reuse or legitimate recycling or reclamation other than at commercial facilities. Any off-site facility must have an EPA identification number. (373-1.1(d)(1)(x))
- (g) _____ Totally enclosed treatment facility (373-1.1(d)(1)(xi))
- (h) _____ Elementary neutralization units or wastewater treatment units other than units located at commercial facilities. If yes, complete Part II, 2, 3C, 3d, 5, 6, 7. (373-1.1(d)(1)(xii))
- (i) _____ A wastewater treatment facility holding a SPDES Permit for a surface water point source discharge reuses spent pickle liquor or facilities that accumulate, store or physically, chemically or biologically treat spent pickle liquor prior to reuse in a wastewater treatment facility. (373-1.1(d)(1)(xvi))
- (j) _____ The addition of absorbent material with the purpose of preparing the waste for incineration or to fill void spaces in containers intended for land disposal. If yes, complete Part II 3.C.2, 3.C.3, 3.C.8. (373-1.1(d)(1)(xvii))
2. TSD exemptions - 373.1.1 (d)(2) (for facilities and operations that manage waste oils)
- (a) _____ Storage or treatment of waste oil generated on-site prior to its beneficial use or reuse or legitimate recycling or reclamation if the waste oil is not a listed hazardous waste, and the waste oil is not a hazardous sludge. 373-1.1(d)(2)(ii). If yes, complete Part II: 2, 3C, 3D, 5, 6, 7.
- (b) _____ Exemptions for storage of waste oil at an energy recovery facility prior to its on-site combustion of such waste oils are not listed hazardous wastes, waste oils are not hazardous sludges, and the facility stored less than 80,000 gallons of waste oil. 373-1.1(d)(2)(iii). If yes, complete Part II: 2, 3C, 3D, 5, 6, 7.
- (c) _____ Combustion units that recover energy from waste oil, other than listed hazardous waste and sludges and the related treatment on-site of such combustion units.
3. TSD exemptions - (for facilities and operations that manage hazardous waste or waste oils).

- (a) ☐ Storage of hazardous waste generated and stored on-site for 90 days or less and 8,800 gallons or less is stored in containers or 20,000 gallons or less is stored in tanks. The facility can not be located in a geographical area overlying a sole source aquifer. If yes, complete Part II, 2A, 3C, 3D. 373-1.1(d)(1)(iii).
- (b) ☐ Storage or treatment of hazardous waste on-site of generation if generated and stored less than 1,000 kilograms of hazardous waste in each calendar month and do not generate or store acute hazardous waste as described in 373-1.1(d)(1)(i)(b). 373-1.1(d)(1)(v).
- (c) ☐ Treatment or containment activities during an immediate response 373-1.1(d)(1)(xiii).
- (d) ☐ Accumulation areas. If yes, complete Part II: 3C, questions 1-5. 373-1.1(d)(1)(xiv).
- (e) ☐ Storage of manifested shipments of hazardous waste in containers or vehicles by a transporter at its own transfer facility for 5 days or less. If yes, complete Appendix B: 3. 373-1.1(d)(1)(xv).

4. Environmental Facilities Corporation (EFC) Survey

The following questions are voluntary:

The Environmental Facilities Corporation (EFC) is actively involved in the industrial materials recycling program, and these questions will assist EFC in carrying out this program. It may also be beneficial to the facility being inspected in that acceptable markets or more economical alternatives to the facility's current disposal techniques may be brought to their attention.

- A. Does the company believe their hazardous waste has the potential for recovery, reclamation or exchange with other companies to minimize disposal costs? ☐ Yes ☒ No ☐ Don't Know

If yes:

- B. Does the company wish to list their waste stream in the Northeast Industrial Waste Exchange Listings Catalog? ☐ Yes ☒ No ☐ Don't Know
- C. Does the company want to receive additional information about the potential for waste exchange? ☐ Yes ☒ No ☐ Don't Know
- D. Does the company wish to obtain assistance from the New York State Environmental Facilities Corporation to assess the potential for recovery, reclamation or exchange of the hazardous waste stream? ☐ Yes ☒ No ☐ Don't Know

The Company representative may wish to contact Mr. Pickett Simpson, Hazardous Waste Program Manager, Environmental Facilities Corporation, 50 Wolf Road, Room 527, Albany, New York 12233 at (518) 457-4138.

New York State Department of Environmental Conservation
Division of Solid and Hazardous Waste
Bureau of Hazardous Waste Operations
50 Wolf Road, Albany, New York 12233

Part II

Generator Inspection Section

Indicate:

X Violations

Indicate:

X Satisfactory

NA Not Applicable

1. Requirements for Category 1-4 Generators:

Refer to questions based upon category checked in Part I.

If in Part I an exemption applies, inspection is complete if the requirements for the generator category are met. _____

A. If Category 1 and 4 generators or generators exempt for used engine lubricating oil, has met the following:

_____ disposed in a solid waste facility - 372.1(e)(1)(i)(b) _____

_____ made a hazardous waste determination - 372.1(e)(1)(i)(a) _____

B. If Category 2 and 3 generators has met the following:

_____ made a hazardous waste determination - 372.1(e)(1)(ii)(a) _____

_____ disposed of in authorized hazardous waste facility -
372.1(e) 1)(ii)(b) _____

_____ submitted document justifying exemption - 372.1(e)(1)(ii)(c) _____

_____ used appropriate containers; properly packaged, labeled and
marked during storage and shipment - 372.1(e)(1)(ii)(d) _____

_____ had containers and tanks stored properly; not open, not
handled or stored in a way which may cause it to leak;
inspected at least quarterly - 372.1(e)(1)(ii)(e) _____

_____ had tanks designed, constructed and operated in accordance
with regulations - 372.1(e)(1)(ii)(f) _____

_____ had tanks properly sheltered and protected-372.1(e)(1)(ii)(g) _____

C. If Category 3 generator, has:

_____ annual report prepared - 372.1(e)(1)iii; and _____

_____ sent to DEC - 372.2(c)2 _____

Indicate:

X Violations

Indicate:

X Satisfactory

NA Not Applicable

For Category 5 and 6 generators complete remainder of Part II.

2. Labeling & Marking

A. The container is clearly marked and visible for inspection with the date upon which each period of accumulation begins - 372.2(a)(8)(ii) X

B. The container is labeled and marked in accordance with 372.2(a)(5),(6), and (7). X

3. On-site accumulation of hazardous waste prior to shipment
(For generators who accumulate any hazardous waste for a period of 90 days or less or store 8,800 gallons or less in containers or 20,000 gallons or less in tanks.)

A. All such wastes are shipped off-site to an authorized treatment, storage or disposal (TSD) facility in 90 days or less. 372.2(a)(8)(ii) X

B. The date upon which each period of accumulation begins is clearly marked and visible for inspection on each container 372.2(a)(8)(ii) X

C. Standards for management of containers - 372.2(a)(8)(ii); 373-3.9
(This section will also be completed for TSD's as referred to from Appendix A.)

1. What type of containers are used for accumulation? Describe the size, type. (e.g., 12 fifty-five gallon drums of waste acetone).

55 gal steel drums
55 " plastic "
1 present 1 drum 111 Trichloroethylene
1 " waste oil
1 " solvents (xylene toluene)
2 " plating solutions
1 " isopropyl alcohol
1 " solvent (hex)
1 " acid (dilute sulfuric)

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

2. _____ The containers appear to be in good condition and are not in danger of leaking. (If containers are leaking, describe the type, condition and number that are leaking or corroded. Be detailed and specific) - 373-3.9(b) X
3. _____ Hazardous waste stored in containers made of compatible materials 373-3.9(c) (If not, please explain). X
4. _____ All containers except those in use are closed - 373-3.9(d)(1) X
5. _____ Containers holding hazardous waste must not be opened, handled or stored in a manner which may rupture the container or cause it to leak - 373-3.9(d)(2) X
6. _____ The storage area is inspected at least weekly - 373-3.9(e) X
7. _____ The generator complies with the following special requirements related to storage of ignitable, or reactive wastes 373-3.9(f):
- (a) _____ Containers holding ignitable or reactive waste are located at least 15 meters (50 feet) from the facility property line. 373-3.9(f) X
- (b) _____ Generator has taken precautions to prevent accidental ignition or reaction of ignitable or reactive waste - 373-3.2(h)(1) X
- (c) _____ Generator has placed "No Smoking" signs conspicuously wherever there is a hazard from ignitable or reactive waste - 373-3.2(h)(1) X
8. _____ The generator complies with the following special requirements related to incompatible wastes. 373-3.9(g)

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

- (a) The storage of ignitable or reactive wastes, and the mixture or comingling of incompatible wastes, or incompatible wastes and materials, is conducted to prevent - 373-3.2(h)(2) NA
- (1) _____ the generation of extreme heat or pressure, fire or explosion, or violent reaction - 373-3.2(h)(2)(i) _____
- (2) _____ production of uncontrolled toxic mists, fumes, dusts or gases in sufficient quantities to threaten human health - 373-3.2(h)(2)(ii) _____
- (3) _____ production of uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions - 373-3.2(h)(2)(iii) _____
- (4) _____ the damage to the structural integrity of the device or facility containing the waste - 373-3.2(h)(2)(iv) _____
- (5) _____ a threat to human health or the environment - 373-3.2(h)(2)(v) _____
- (b) _____ Hazardous waste must not be placed in an unwashed container that previously held an incompatible waste or material. 373-3.9(g)(2) X
- (c) _____ Hazardous waste in containers stored nearby incompatible waste or material is separated by the incompatible waste by a dike, berm, wall or other device. 373-3.9(g)(3). X

D. Standards for management of tanks - 372.2(a)(8)(ii); 373-3.10 NA

1. What are the approximate number and size of tanks containing hazardous waste?

2. Identify the waste treated/stored in each tank. Include whether they are above or below ground.

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

Tank General Operating Requirements - 373-3.10(b)

3. ☐ Hazardous wastes or treatment reagents are not placed in a tank, if they could cause the tank or its inner liner to rupture, leak, corrode, or otherwise fail before the end of its intended life - 373-3.10(b)(2). If so, please explain. ☐
4. ☐ Uncovered tanks have at least 60 centimeters (2 feet) of freeboard or an adequate containment structure - 373-3.10(b)(3) ☐
5. ☐ Where waste is continuously fed into a tank, the tank must be equipped with a means to stop the inflow (e.g., bypass system to a standby tank or a waste feed cutoff system) - 373-3.10(b)(4) ☐

Tank Waste Analysis - 373-3.10(c)

6. ☐ There is a waste analysis plan (Complete Appendix A, Number 4) if tank is to be used to chemically treat or store a hazardous waste substantially different from the previous waste, or if a different process is used from the previous process. ☐

Tank Inspections - 373-3.10(b)

7. Tank(s) are inspected each operating day for:
- (A) ☐ discharge control equipment (e.g., waste feed cutoff systems, bypass systems and drainage systems) - 373-3.10(d)(1)(i) ☐
- (B) ☐ monitoring equipment (e.g., pressure and temperature gauges) - 373-3.10(d)(1)(ii) ☐
- (C) ☐ level of waste in tank to ensure proper freeboard - 373-3.10(d)(1)(iii) ☐
8. Tank(s) are inspected weekly for:
- (A) ☐ Corrosion or leaking of fixtures or seams - 373-3.10(d)(iv) ☐
- (B) ☐ Erosion or obvious signs of leakage (e.g., wet spots or dead vegetation) of the construction materials of, and the area immediately surrounding discharge confinement structures (e.g., dikes). 373-3.10(d)(v) ☐

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

Ignitable or reactive wastes - 373-3.10(f)

9. ☐ Ignitable or reactive waste is placed in a tank and the waste is stored, treated, rendered or mixed before or immediately after placement in the tank so that the resulting wastes, mixture or dissolution of material is no longer ignitable or reactive. ☐
10. ☐ Ignitable and reactive waste is stored in a tank and the tank is used solely for emergencies. ☐
11. ☐ Storage of ignitable or reactive waste in covered tanks does not comply with the National Fire Protection Association's (NFPA's) buffer zone requirements for tanks, contained in Tables 2-1 thru 2-6 of the "Flammable and Combustible Code, 1977." ☐

Incompatible Wastes - 373-3.10(g)

12. ☐ Incompatible wastes, or incompatible wastes and materials must be placed in the same tank unless 373-3.2(h)(2) is complied with. 373-3.10(g)(1) ☐
13. ☐ Incompatible wastes must not be placed in an unwashed tank which previously held an incompatible waste or material unless 373-3.2(h)(2) is complied with. 373-3.10(g)(2) ☐

Special Requirements in Kings, Queens, Nassau and Suffolk Counties - 373-3.10(h)

14. ☐ The base underlying the tank is free of cracks and is sufficiently impervious to contain leaks. ☐
15. ☐ The base is designed to drain or the tank is elevated to prevent contact with accumulated liquids. ☐
16. ☐ Containment system can contain at least 110 percent of tank volume. ☐
17. ☐ Run-on into containment system is prevented or designed for. ☐
18. ☐ Leaked waste or accumulated precipitation is timely removed to prevent possible overflow. ☐

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

4. Manifest Records - 372.2(b)

- A. It appears, from the available information, that there is a manifest copy available for each hazardous waste shipment off-site that has been made - 372.2(b)(5)(i). X

If "violation" checked or "don't know," please elaborate.

- B. Describe the approximate size of an average shipment made and how many shipments per month?

12 drums / month

- C. Each manifest (a representative sample) has the following information: - 372.2(b)(1); Appendix 30

| | Generator | Transporter 1 | Transporter 2 | TSDF | |
|--|---------------|------------------|------------------|---------------|----------|
| 1. <u> </u> Name of | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u>X</u> |
| 2. <u> </u> EPA ID No. of | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u>X</u> |
| 3. <u> </u> Mailing Address of | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u>X</u> |
| 4. <u> </u> Telephone No. of | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u>X</u> |
| 5. <u> </u> Manifest Document No. | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u>X</u> |
| 6. <u> </u> The proper USDOT description. | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u>X</u> |
| 7. <u> </u> The appropriate <u> </u> quantity, <u> </u> container no. <u> </u> container type, and <u> </u> waste type by units of weight or volume. | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u>X</u> |
| 8. <u> </u> Signed certification that the materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation under regulations of the USDOT and NYSDEC - 372.2(a)(4) and 372.2(a)(5) and 372.2(a)(6). | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u>X</u> |
| 9. <u> </u> Signed copies of the manifest records have been retained at the facility for at least three years - 372.2(c)(1)(i) | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u>X</u> |

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

- D. ☐ There is written communication that the designated treatment, storage or disposal facility is an authorized treatment, storage or disposal facility for the particular wastes being offered for shipment and has capacity to accept the hazardous waste set forth on the manifest and will assure the ultimate disposal method is followed. 372.2(b)(2)(i) ☒
- E. ☐ The generator must distribute copies of the manifest as specified on the manifest form - 372.2(b)(3) ☒
- F. International shipments - 372.5 ☒
- (1) ☐ EPA has been notified four weeks prior to shipment of hazardous waste destined for treatment, storage or disposal outside the United States - 372.5(b)(1) ☐
- (2) ☐ Delivery of the wastes has been confirmed within 90 days of acceptance of initial transporter - 372.5(b)(2) ☐
- (3) ☐ The generator has identified the point of departure from the United States through which the waste must travel before entering a foreign country - 372.5(b)(3)(ii) ☐
- G. ☐ Has complied with interstate shipments - 372.6 ☐
- H. ☐ Has complied with shipments by rail or water (bulk) - 372.7 ☐
- I. ☐ Copies of all records have been kept for at least three years (e.g., annual reports, manifests, exception reports, sampling data) - 372.2(c)(1)(i), (ii), and (iii). ☒
- J. ☐ All records required under this subdivision were furnished upon request, or made available at a reasonable time for inspection - 372.2(c)(1)(iv) ☒
- K. ☐ The generator has received signed copies (from the TSD facility) of all manifests for wastes shipped off-site more than 20 days ago: ☒
- ☐ If not, exception reports have been submitted covering these shipments - 372.2(c)(3) ☐

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

5. Personnel Training - 372.2(a)(8)(ii) and 373-3.2(g)

A. There is a:

☒ written description of the job title for each position at the facility related to hazardous waste management and name of the employee filling each job - 373-3.2(g)(4)(i) _____

☒ written job description for each position 373-3.2(g)(4)(ii) _____

_____ written description of the type and amount of both introductory and continuing training that will be given to each person related to hazardous waste management - 373-3.2(g)(4)(iii) ☒

_____ Records that document the training or job experience required 373-3.2(g)(4)(iv) ☒

B. _____ The training program is directed by a person trained in hazardous waste management procedures and must include instruction which teaches facility personnel hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed. 373-3.2(g)(1)(i),(ii) and (iii). The components are: ☒

(1) _____ Procedures for using, inspecting, repairing and replacing facility emergency and monitoring equipment; ☒

(2) _____ Key parameters for automated waste feed cutoff systems; ☒

(3) _____ Communications or alarm systems; ☒

(4) _____ Response to fires and explosions; ☒

(5) _____ Response to groundwater contamination incidents; and ☒

(6) _____ Shutdown of operations. ☒

C. _____ Facility personnel have successfully completed the program by the effective date of these regulations or six months after the date of their employment. 373-3.2(g)(2) ☒

D. _____ Facility personnel have taken part in an annual review of the initial training required. 373-3.2(g)(3) ☒

Indicate:

X Violations

Indicate:

X Satisfactory

NA Not Applicable

- E. ☐ Training records on current personnel have been kept permanently at the facility (until closure). 373-3.2(g)(5) X
- F. ☐ Training records on former employees have been kept for at least three years from the date the employee last worked at a facility. 373-3.2(g)(5) X

6. Preparedness and Prevention - 372.2(a)(8)(ii); 373-3.3

- A. ☐ The facility is maintained and operated to minimize the possibility of a fire or explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water - 373-3.3(b) X
- B. The facility must be equipped with the following (Check missing equipment if needed in this facility's particular operations.) - 373-3.3(c)
- (1) ☐ An internal communication or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; X
- (2) ☐ A device, such as a telephone or a hand-held, two-way radio capable of summoning emergency assistance from local police departments, fire departments or state or local emergency response teams; X
- (3) ☐ Portable fire extinguishers, fire control equipment. X
- (4) ☐ Water at adequate volume and pressure to supply water hose streams, or foam-producing equipment, or automatic sprinklers, or water spray systems. X
- C. ☐ Facility communications or alarm systems, fire protection equipment, and spill control equipment are tested and maintained as necessary to assure their proper operation in time of emergency - 373-3.3(d) X
- D. ☐ Personnel involved in hazardous waste operations have immediate access to an internal alarm or emergency communication device 373-3.3(e) X
- E. ☐ The facility has the required aisle space - 373-3.3(f) (Inspections should be able to be made of each drum and space should be sufficient to fight a fire). X

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

F. The facility owner or operator has made an attempt in good faith to make the following arrangements with local authorities, as appropriate for the type of waste handled at the facility and the potential need for the services of these organizations - 373-3.3(g)(1):

- (1) ☐ Arrangements to familiarize police, fire departments and emergency response teams with the functions and layout of the facility; ☒
- (2) ☐ Where more than one police and fire department might respond to an emergency, an agreement designating primary emergency authority to a specific police and a specific fire department, and agreements with any others to provide support to primary emergency authority; ☒
- (3) ☐ Agreements with government emergency response teams, emergency response contractors, and equipment suppliers; ☒
- (4) ☐ Arrangements to familiarize local hospitals with the properties of hazardous waste handled at the facility and the types of injuries or illness which could result from fires, explosions or releases at the facility; and ☒
- (5) ☐ Where state or local authorities decline to enter into such arrangements, the owner or operator has documented the refusal in the operating record. ☒

7. Contingency Plan and Emergency Procedures - 372.2(a)(8)(ii); 373-3.4

A. ☐ The facility has a contingency plan - 373-3.4(b)(1) ☒

B. The following are included in the contingency plan - 373-3.4(c)

- (1) ☐ A description of actions facility personnel must take in response to fires, explosions or any unplanned sudden or non-sudden releases of hazardous waste or hazardous waste constituents to air, soil or surface water; ☒
- (2) ☐ A spill prevention, control, and countermeasure (SPCC) plan as defined in subdivision 610.2(j) and 40 CFR 300, or some other emergency or contingency plan, amended to incorporate hazardous waste management provisions that are sufficient; ☒

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

- (3) — A description of arrangements agreed to by local police departments, fire departments, hospitals, contractors, and state and local emergency response teams to coordinate emergency services; X
- (4) — Names, addresses and phone numbers of all persons qualified to act as emergency coordinator; X
- (5) — A list of all emergency equipment at the facility, and decontamination equipment, where this equipment is required; X
- (6) — The location and the physical description of each item on the list, and a brief outline of its capabilities; X
- (7) — An evacuation plan for facility personnel, where there is a possibility that evacuation could be necessary. X
- C. — Copies of the contingency plan are maintained at the facility - 373-3.4(d)(1) X
- D. — Copies of the contingency plan have been submitted to all local police departments, fire departments, hospitals, and state and local emergency response teams that may be called upon to provide emergency services - 373-3.4(d)(2) X
- E. — The contingency plan has been amended - 373-3.4(e) undergoing now
- F. — There was at least one employee either on the facility premises or on call with the responsibility for coordinating all emergency response measures - 373-3.4(f) X
- G. — During a past emergency situation the emergency coordinator (or his designee when the emergency coordinator is not on call) immediately activated emergency procedures - 373-3.4(g) NA

The following was done:

- (1) — Activated internal facility alarms or communication systems; —
- (2) — Notified appropriate state or local agencies; —
- (3) — Immediately identified the character, extent, exact source, amount and areal extent of any released materials; —
- (4) — The emergency coordinator assessed possible hazardous to human health and the environment; —

Indicate:

X Violations

Indicate:

X Satisfactory
NA Not Applicable

- (5) — The emergency coordinator, after determining that the facility had a release, fire or explosion which could threaten human health or the environment outside the facility, reported his findings; —
- (6) — During the emergency, the emergency coordinator took all reasonable measures necessary to ensure that fire, explosions and releases do not occur, recur or spread to other hazardous waste; —
- (7) — The emergency coordinator monitored for leaks, pressure buildup, gas generation or ruptures in valves, pipes or other equipment, where appropriate during the facility's response to the emergency; —
- (8) — The emergency coordinator provided for treating, storing or disposing of recovered waste, contaminated soil or surface water, or any other material that resulted from a release, fire or explosion at the facility; —
- (9) — The emergency coordinator ensured that in the affected area no waste that may be incompatible with the released material was treated, stored or disposed of prior to cleanup procedures being completed; —
- (10) — The emergency coordinator ensured that all emergency equipment listed in the contingency plan was cleaned and fitted for its intended use before operations were resumed; —
- (11) — The owner or operator notified the Commissioner that the facility is in compliance before operations were resumed in the affected areas of the facility; —
- (12) — The owner or operator noted in the operating record the time, date and details of the incident that required implementation of the contingency plan; —
- (13) — The owner or operator submitted a written report or complete written report on the incident within 15 days after the incident occurred. —

PART III

Comments, Conclusions and Recommendations Section

Facility Name Fairchild Vision Systems Inc.
 EPA I.D. No. WYD 0619 6470
 Date of Inspection 1/10/86

General Comments and Conclusions (cite appropriate State regulations in violation and attach additional sheets and other information as required)

The facility is very well managed. They work mostly for government contracts and because of this they have inspections from the contractors so they must keep everything in order. Their consultants keep paperwork in order and the waste management is clean, neat. They filed protectively for TSD status and are trying to get off now. They are in correspondence with the Middlekoop group. The manifests show they send out within 90 days every waste so they should be getting off the TSDF list. Only violation: 373-3.2 (a)(4)(i) and (ii) no job description for persons in haz. waste management.

Recommendations

EPA I.D. No.

14 D J 6 1 9 5 6 4 7 2

- ☐ Formal confidentiality is being requested.
- ☐ No follow-up necessary.
- ☐ Do you recommend that the central office wait a maximum of two weeks for you to review supplemental documents prior to determining if a warning letter should be issued?
- ☒ A soft warning letter should be issued. *for the 2 violations.*
- ☐ A strong warning letter should be issued.
- ☐ A complaint letter should be issued and a fine levied.
- ☐ DO NOT PROCESS, THIS COMPANY HAS BEEN REFERRED TO THE BUREAU OF ENVIRONMENTAL CONSERVATION INVESTIGATION (BECI) ON _____ (Date)
- ☒ Facility representative would like a copy of report (inspector submit two copies to C.O. and C.O. will send with reply)
- ☐ Facility representative has been given a copy of report on _____ (inspector submit one copy to C.O.) (Date)
- ☐ Other (please explain)

☐ Sample(s) have been taken.

Comments on sample results: _____

RCRA INSPECTION FORM

Report Prepared for:

Generator ☒

Transporter ☐

HWM (TSD) facility ☐

Copy of report sent to the facility ☐

Facility Information

Name: FAIRCHILD WESTON SYSTEMS, INC

Address: 300 ROBBINS LANE

SYOSSET, N.Y. 11791

EPA ID#: NYDO 61956470

Date of Inspection: MAR 24, 1983

Participating Personnel

State or EPA Personnel: AUGUST LA RUEFA, NYS DEC

Facility Personnel: RUDY UNDERWOOD - DIR. PLANT SER
TOM GREENAN - PLANT ENGINEER

Report Prepared by Name: AUGUST LA RUEFA

Agency: NYS DEC REG 1

Telephone #: (516) 751-7900

Approved for the Director by:

James H. [Signature]
SENIOR ENGINEER
NYS DEC REGION 1

RECEIVED

MAR 30 1983

BUREAU OF
HAZARDOUS WASTE OPERATION
DIVISION OF SOLID WASTE

Summary of Findings

Facility Description and Operations

THE FACILITY MANUFACTURES ELECTRONIC COMPONENTS. HAZARDOUS WASTE OF VARIOUS TYPES (ACID WASTES, CORROSIVE WASTES, SOLVENTS, OILS, RESINS) ARE COLLECTED FROM VARIOUS PART OF THE PLANT AND STORED IN 55 GAL CONTAINERS IN A HAZARDOUS MATERIAL ENCLOSED STORAGE AREA. THE STORAGE AREA IS BERMED WITH A CONCRETE FLOOR AND A COLLECTION SUMP TO COLLECT ANY INADVERTENT SPILLS.

THE FACILITY DOES NOT DISPOSE OF ANY WASTES ON SITE. ALL WASTES ARE SHIPPED OFF THE FACILITY BY A LICENSED HAULER EVERY ^{three to} SIX WEEKS.

Describe the activities that result in the generation of hazardous waste.

MANUFACTURE OF ELECTRONIC COMPONENTS AND
CAMERAS FOR MILITARY USE.

Identify the hazardous waste located on site, and estimate the approximate quantities of each. (Identify Waste Codes)

III TRICHLOROETHANE F001 6 drums

SOLUBLE OIL/WATER NON HAZARDOUS 2 drums

BRYLLIUM COMPOUND P015 2.75 lbs

Is there reason to believe that the facility has hazardous waste on-site?

- a. If yes, what leads you to believe it is hazardous waste?
Check appropriate boxes:

- ☒ Company admits that its waste is hazardous during the inspection.
- ☒ Company admitted the waste is hazardous in its RCRA notification and/or Part A Permit Application.
- ☒ The waste material is listed in the regulations as a hazardous waste from a nonspecific source (§261.31)
- ☒ The waste material is listed in the regulations as a hazardous waste from a specific source (§261.32)
- ☐ The material or product is listed in the regulations as a discarded commercial chemical product (§261.33)
- ☒ Testing has shown characteristics of ignitability, corrosivity, reactivity or extraction procedure toxicity, or has revealed hazardous constituents (please attach analysis report)
- ☐ Company is unsure but there is reason to believe that waste materials are hazardous. (Explain)

Transporter Inspection Report Form

N/A

40 CFR Part 263 Transporter Standards

| | YES | NO | N/A |
|--|-----|-----|-----|
| 263.10 - Does the transporter carry hazardous waste? | ___ | ___ | ___ |
| 263.12 - Does the transporter store hazardous waste at a transfer facility - if yes, how long? | ___ | ___ | ___ |
| ___ 10 days or less | ___ | ___ | ___ |
| ___ more than 10 days (complete TSD form) | ___ | ___ | ___ |
| 263.20 - <u>Manifest System</u> | | | |
| 1) Does the transporter have a copy for each manifest shipment of hazardous waste? | ___ | ___ | ___ |
| 2) Does a representative portion of the manifests show the following information (if no, circle the missing information) | ___ | ___ | ___ |
| o Generator's name, address, telephone and EPA I.D. numbers, signature and date of signature | ___ | ___ | ___ |
| o Transporter's name, EPA I.D. number, signature and date of signature | ___ | ___ | ___ |
| o TSD's name, address and EPA I.D. Number | ___ | ___ | ___ |
| and either the signature and date of the TSD or the name, EPA I.D., signature and date of the next transporter. | ___ | ___ | ___ |
| o Manifest Document number | ___ | ___ | ___ |
| o Proper DOT shipping description | ___ | ___ | ___ |
| o Quantity & type of containers | ___ | ___ | ___ |
| (If no, to any of the above obtain copies of incomplete manifests). | | | |
| 3) Based on available information, do all manifests conform to the hazardous waste shipments made? If no, explain | ___ | ___ | ___ |
| 262.22 - Have records been kept since November 19, 1980? | ___ | ___ | ___ |
| 263.30 - Has there ever been a spill or discharge of hazardous waste during transportation? | ___ | ___ | ___ |
| If yes, was the incident report submitted to DOT? (obtain copy of the report) | ___ | ___ | ___ |
| 263.31 - If there was any spill or discharge of hazardous waste, was it cleaned up? If no, explain. | ___ | ___ | ___ |

General Comments:

HAZARDOUS WASTE MANAGEMENT FACILITY CHECK LIST
(Facilities Subject to 40 CFR 265 Standards)

YES NO N/A

40 CFR Part 265 Subpart B General Facility Standards

265.13-General Waste Analysis

- 1) Is there a detailed chemical and physical analysis of a representative sample of the waste or each waste?
(At a minimum this analysis must contain all the information necessary for proper management of the waste)
- 2) Does the character of the waste handled at the facility change from day to day, week to week, etc., thus requiring frequent testing?
You may check only one

Waste characteristics vary _____
All waste are basically the same ✓
Company treats all waste as hazardous _____

- 3) Is there a written waste analysis plan at the facility?
ALL WASTE ANALYSIS IS DONE BY HAULERS:
Does it contain the following: CHEMICAL POLLUTION CONTROL
PRIDE SOLVENTS

- a) Parameters for each waste to be analyzed and the rationale for the selection of these parameters.
- b) Test methods used to test these parameters.
- c) Sampling methods to obtain a representative sample of the waste to be analyzed.
- d) Frequency of repeated analysis to ensure accurate and current information.

- 4) Does hazardous waste come to this facility from an outside source? e.g. another generator.
- 5) If waste comes from an outside source, are there procedures in the plan to insure that waste received conforms to the accompanying manifest?

265.14-Security

- 1) Is there: a) a 24-hour surveillance system? or,
b) a suitable barrier which completely surrounds the active portion of this facility?

- 2) Are there "Danger-Unauthorized Personnel Keep Out" signs posted at each entrance to the facility?

If no, explain what measures are taken for security.

265.15 - General Inspections Requirements

- 1) Does the facility have a written inspection schedule?
- 2) Does the schedule identify the types of problems to be looked for and the frequency of inspections?
- 3) Does the owner/operator record inspections in a log?
- 4) Is there evidence that problems reported in the inspection log have been remedied?

If no, please explain.

265.16 - Personnel Training

YES NO N/A

- 1) Have facility personnel successfully completed a program of classroom instruction or on-the-job training within 6 months of having been employed?

☒ ☐ ☐

If yes, have facility personnel taken part in an annual review of training?

☒ ☐ ☐

- 2) Is there written documentation of the following:

—job title for each position at the facility related to hazardous waste management and the name of the employee filling each job?

☒ ☐ ☐

—type and amount of training to be given to personnel in jobs related to hazardous waste management?

☒ ☒ ☐

—annual training or experience received by personnel?

☒ ☒ ☐

- 3) Are training records kept on all employees for at least 3 years?

☒ ☐ ☐

Training is conducted regularly for personnel in hazardous waste area but no formal records are kept.

265.17 - General Requirements for Ignitable, Reactive or Incompatible wastes

- 1) Are there ignitable, reactive or incompatible wastes on site?

☒ ☐ ☐

If yes, what are the approximate types and quantities and location of the waste.

*VARIOUS ACIDS ≈ 2 drums
VARIOUS CAUSTICS ≈ 1 drum
SOLVENTS ≈ 1 drum (HW storage area)*

- 2) Have precautions been taken to prevent accidental ignition or reaction of ignitable or reactive waste?

☒ ☐ ☐

If no, please explain.

- 3) In your opinion, are proper precautions taken so that these wastes do not:

— generate extreme heat or pressure, fire or explosion, or violent reaction?

☒ ☐ ☐

— produce uncontrolled toxic mist, fumes, dusts or gases in sufficient quantities to pose a risk of fire or explosions?

☒ ☐ ☐

— damage the structural integrity of the device or facility containing the waste?

☒ ☐ ☐

— threaten human health or the environment?

☒ ☐ ☐

40 CFR 265 - Subpart C - Preparedness and Prevention

265.32 Does the facility comply with preparedness and prevention requirements including maintaining:

- an internal communications or alarm system?
- a telephone or other device to summon emergency assistance from local authorities?
- portable fire equipment?
- water at adequate volume and pressure to supply water hose streams, foam producing equipment, etc.

YES NO N/A

☒ ☒ ☒

265.33 Is equipment tested and maintained?

☒ ☐ ☐

265.34 Is there immediate access to communications or alarm systems during handling of hazardous waste?

☒ ☐ ☐

265.35 Adequate aisle space?

☒ ☐ ☐

If no, please explain storage pattern.

In your opinion, do the types of waste on-site require all of the above procedures, or are some not needed? Explain.

☒ ☐ ☐

40 CFR 265 - Subpart D - Contingency Plan and Emergency Procedures

Does the facility have a written contingency plan for emergency procedures designed to deal with fires, explosions or any unplanned release of hazardous waste?

☒ ☐ ☐

1) Does the plan describe arrangements made with the local authorities?

☒ ☐ ☐

2) Has the contingency plan been submitted to the local authorities?

☒ ☐ ☐

3) Does the plan list names, addresses and phone numbers of Emergency Coordinators?

☒ ☐ ☐

4) Does the plan have a list of what emergency equipment is available?

☒ ☐ ☐

5) Is there a provision for evacuating facility personnel?

☒ ☐ ☐

6) Was there an emergency coordinator present or on call at the time of the inspection?

☒ ☐ ☐

40 CFR 265 Subpart E-Manifest System, Recordkeeping and Reporting

265.71 - Use of the Manifest

1) Has the facility received hazardous waste from an off-site source since November 19, 1980?

☒ ☐ ☐

If no, skip to 265.73 - Operating Record

2) If yes, does it appear that the facility has a copy of a manifest for each hazardous waste load received?

☒ ☐ ☐

If not, please explain.

3) How many post-November 19 manifests does the facility have?
(Estimate if the number is large) **60**

4) Does each manifest have the following information?
(circle missing information)

- a manifest document number?
- the generator's name, mailing address, telephone number and EPA I.D. #?
- the transporter's name and EPA I.D. Number?
- the TSD name, address, telephone number & EPA I.D. Number?
- a description of the waste (DOT)?
- the total quantity of each hazardous waste by units of weight or volume, and the type and number of containers as loaded: into or onto the transport vehicle?
- a certification that the materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation under regulations of the DOT and EPA?

| | | |
|---|---|---|
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |

(Obtain a copy of the incomplete manifests)

265.72 - Manifest Discrepancies

Have there been significant discrepancies between the quantity and type of waste received and the waste identified on the manifest?

Describe unreconciled discrepancies.

| | | |
|---|---|---|
| — | ✓ | — |
|---|---|---|

265.73 - Operating Record

- 1) Does the facility keep an operating record?
- 2) Does the record contain the following information:
 - a) Description and quantity of waste on-site and the method(s) and date(s) of its Treatment, Storage & Disposal?
 - b) The location and quantity of each hazardous waste at each location?
 - c) Records and results of waste analysis and trial tests performed and identified in the waste analysis plan?
 - d) Summary reports and details of all incidents that require implementing the contingency plan.
 - e) Records and results of inspections for the past 3 years or November 19, 1980 which ever is less?
 - f) Monitoring, testing or analytical data where required for: Ground-water, Land Treatment, Incinerators, and Thermal Treatment?

| | | |
|---|---|---|
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |

265.76 - Unmanifested Waste Report

Has the facility accepted hazardous waste from off-site sources without a manifest?

If yes, has the facility submitted an unmanifested waste report?

| | | |
|---|---|---|
| — | ✓ | — |
| — | — | — |

42 CFR 265 Subpart F - Groundwater Monitoring

YES NO N/A

(Applies only to surface impoundments, landfills and/or land treatment facilities.)

Is a groundwater monitoring plan available at the facility?

If yes, please fill out the appropriate Groundwater Monitoring Questionnaire and attach to this report.

40 CFR 265 Subpart G - Closure and Post-Closure

265.111 Closure Performance Standard

Have any portions of the facility been closed since November 19, 1980?

If yes, please explain

265.112 - Closure Plan

Does the facility have a written closure plan?
(Applies to all types of TSD facilities)

If yes, does the written plan include:

1. A description of how and when the facility will be partially (if applicable) and ultimately closed?
2. An estimate of the maximum inventory of wastes in storage or treatment at any time during the life of the facility?
3. A description of the steps necessary to decontaminate facility equipment during closure?
4. A schedule for final closure including the anticipated date when waste will no longer be received and when final closure will be completed?
5. Does the owner/operator have a written estimate of the cost of closing the facility?

If yes, what is it? (\$) 2630

265.118 - Post Closure Plan

Does the facility have a written post-closure plan?
(Applies only to disposal facilities)

If yes, Does the Plan:

1. Identify the activities which will be carried on after closure and the frequency of these activities?
2. Include a description of planned groundwater monitoring activities and their frequency during post-closure?
3. Include a description of planned maintenance activities and frequency to insure integrity of final cover during post-closure?
4. Include the name, address and phone number of a person or office to contact during post-closure?
5. Does the owner/operator have a written estimate of the cost of post-closure for the facility?

If yes, what is it? (\$)

Please circle all appropriate activities and answer questions on indicated pages for all activities circled.

| <u>Storage</u> | <u>Treatment</u> | <u>Disposal</u> |
|---------------------------|---|-----------------------------|
| <u>Container - pg 6</u> | Tank - pg 7 | Landfill - pg 11 |
| Tank, above ground-pg 7 | Surface Impoundment-pg 8 | Land Treatment - pg 10 |
| Tank, below ground-pg 7 | Incineration - pg 12 | Surface Impoundments - pg 8 |
| Surface Impoundments-pg 8 | Thermal Treatment-pg 12 | Other _____ |
| Waste Piles - pg 9 | Land Treatment - pg 10 | |
| Other _____ | Chemical, Physical and Biological Treatment - pg 13 | |
| | Other _____ | |

YES NO N/A

40 CFR 265 - Subpart I - Containers

- 1) - What type of containers are used for storage.
Describe the size, type, quantity and nature of waste
(e.g. 12 fifty-five gallon drums of waste acetone)

55-GAL DRUMS -
SOLVENT IN METAL
CAUSTICS & ACIDS IN PLASTIC DRUMS

- 2) - Is there a containment system for spills, leaks and precipitation?

If yes, describe.

✓

- 265.171 - Do the containers appear to be in good condition, not in danger of leaking?

If not, please describe the type, condition and number of leaking or corroded containers. Be detailed and specific.

✓

- 265.172 - Are hazardous waste stored in containers made of compatible materials?

If not, please explain.

✓

- 265.173(a) - Are all containers closed except those in use?

✓

- 265.173(b) - Do containers appear to be properly opened, handled or stored in a manner which will minimize the risk of the container rupturing or leaking?

✓

- 265.174 - Is the storage area inspected at least weekly?

✓

- 265.176 - Are containers holding ignitable and reactive waste located at least 50 feet (15 meters) away from the facility's property line?

✓

- 265.177 - Are incompatible wastes stored separate from each other?

✓

If no, explain

✓

40 CFR 265 Subpart J - Tanks

YES NO N/A

265.190 1) What are the approximate number and size of tanks containing hazardous waste?

2) Identify the waste treated/stored in each tank.

YES NO N/A

265.192 - General Operating Requirements

1) Are the tanks maintained so that there is no evidence of past, present, or risk of future leaks?

If no, please explain.

YES NO N/A

2) Are there leaking tanks?

YES NO N/A

3) Are all hazardous wastes or treatment reagents being placed in tanks compatible with the tank material so that there is no danger of ruptures, corrosion, leaks or other failures?

YES NO N/A

4) Do uncovered tanks have at least 2 feet of freeboard or an adequate containment structure?

YES NO N/A

5) If waste is continuously fed into a tank, is the tank equipped with a means to stop the inflow from the tank? e.g. bypass system to a standby tank

YES NO N/A

265.194 - Inspections

1) Is the tank(s) inspected each operating day for
a) discharge control equipment
b) monitoring equipment
c) level of waste in tank

YES NO N/A

YES NO N/A

YES NO N/A

2) Are the tanks and surrounding areas (e.g., dike) inspected weekly for leaks, corrosion or other failures?

YES NO N/A

3) Are there underground tanks?

YES NO N/A

If yes, how many and can they be entered for inspection?

YES NO N/A

265.196 - Are ignitable or reactive wastes stored in a manner which protects them from a source of ignition or reaction?

If no, please explain.

YES NO N/A

265.199 - Does it appear that incompatible wastes are being stored separate from each other?

YES NO N/A

40 CFR 265 Subpart K - Surface Impoundments

YES NO N/A ✓

Describe the design and operating features of the surface impoundment to prevent ground water contamination (e.g., liner leachate collection system).

265.220 - Give the approximate size of surface impoundments (gallons or cubic feet). Please specify the types of wastes stored and treated.

265.222 - Is there at least 2 feet of freeboard in the impoundment? _____

265.223 - Do all earthen dikes have a protective cover to preserve their structural integrity? _____

If yes, please specify the type of covering. _____

265.226 - 1) Is the free board level inspected daily? _____

2) Are the dikes surrounding the surface impoundment inspected for leaks, deterioration or failures inspected weekly? _____

265.229 - 1) Are any ignitable or reactive wastes placed in the impoundment? _____

2) If yes, is the waste treated immediately after placement in the impoundment to render the waste non-active and/or non-ignitable? _____

3) If no, to (2) explain. _____

265.230 - Are incompatible wastes placed in the impoundment? _____

If yes, explain. _____

40 CFR 265 Subpart I - Waste Piles

YES NO N/A

265.250 - How many waste piles are on-site and approximately how large are they? (Please indicate size and height and types of wastes in piles.)

265.251 - Is the waste pile protected from wind erosion?

a) Does it appear to need such protection?

b) Explain what type of protection does exist.

265.253 Containment.

1) Is leachate run-off from the waste piles a hazardous waste? If no, skip down to 265.256.

2) Is the pile placed on an impermeable base?

3) Is run-on diverted away from the pile?

4) Is the leachate and run-off collected and treated?

If no to any of the above questions above then:

5) Is the pile protected from precipitation and run-on?

6) Are wastes containing free liquids placed in the pile?

265.256 - 1) Are ignitable or reactive wastes placed on the pile? If no, skip to §265.257

2) Is the ignitable or reactive waste added to existing pile resulting in it no longer meeting the definition of ignitable and reactive? If no, explain.

3) Is the waste protected from any materials or condition that may cause it to ignite or react? If no, explain.

265.257 - Does it appear that a pile of incompatible wastes is being stored separate from other wastes or materials, or protected from them by means of a dike, berm, wall or other device? If no, explain.

40 CFR 265 Subpart M - Land Treatment

N/A

265.270 - Identify the types of waste and the size of the land treatment area?

265.272 - General Operating Requirements

YES NO N/A

- 1) Can the facility operator demonstrate that the hazardous waste has been made less or non-hazardous by biological degradation or chemical reactions occurring in or on the soil?

Please explain how.

- 2) Is run-on diverted from the active portions of the land treatment facility?

- 3) Is run-off from the active portions of the facility collected?

If yes, is the run-off a hazardous waste?

265.276 - Food Chain Crops

- 1) Are food chain crops being grown on the facility property?

If yes, can the facility operator document that arsenic lead and mercury:

- will not be transferred to the crop or ingested by food-chain animals or

- will not occur in greater concentrations in the crops grown on the land treatment facility than in the same crops grown on the untreated soils.

- 2) Has notification of the growing of food chain crops been made to the Regional Administrator?

265.278 - Is there a written and implemented plan for unsaturated zone monitoring?

Make copy for office review.

265.279 - Are there records of the application dates, application rates, quantities and location of each hazardous waste placed at the facility?

265.281 - Is ignitable or reactive waste immediately incorporated into the soil so that the resulting waste no longer meets that definition?

If not, please explain.

265.282 - Are incompatible waste placed in separate land treatment areas?

If no, please explain.

265.300 - Identify the types of waste and size of the landfill.

265.302 - General Operating Requirements

- 1) Is run-on diverted away from the active portions of the landfill?
- 2) Is run-off from active portions of the landfill collected?
- 3) Is waste which is subject to wind dispersal controlled?

Please explain how.

265.309 - Does the owner/operator maintain a map with:

- 1) The exact location and dimensions of each cell?
- 2) The contents of each cell and approximate location of each hazardous waste type?

265.312 - Is ignitable or reactive waste treated so that it is not ignitable or reactive before being placed in the landfill?

Explain how you know.

265.313 - Are precautions taken to ensure that incompatible waste are not placed in the same landfill cell?

If no, please explain.

265.314 Special Requirements for Liquid Waste

- 1) Are bulk or non-containerized wastes containing free liquids placed in the landfill?

If yes.

- a) Does the landfill have a liner which is chemically and physically resistant to the added liquid? or
- b) Is the waste treated and stabilized so that free liquids are no longer present?

- 2) Are containers holding liquid waste or waste containing free liquids placed in the landfill?

Please describe the types and contents of such containers placed in the landfill.

265.315 - Are empty containers placed in the landfill crushed flat, shredded or similarly reduced in volume before they are buried?

265.316 - Are small containers of hazardous waste in overpacked drums placed in the landfill?

If yes, please describe precautions taken to prevent the release of the waste.

1) What type of incinerator or thermal treatment is at the site
(e.g. water-wall incinerator, boiler, fluidized bed, etc.)

2) List the types and quantities of SW incinerated or thermally treated.

3) Is the residue from the incinerator thermal treatment unit a hazardous waste?

4) What types of air pollution control devices (if any) are installed in the incinerator/or thermal treatment unit?

5) Is energy recovered from the process?
If yes, describe.

6) What is the destruction and removal efficiency for the organic hazardous waste constituents?

265.341 - Does the operating record include additional analysis
and to determine types of pollutants which might be emitted including:
265.373

- heating value of the waste?

- halogen and sulfur content?

- concentrations of lead and mercury?

If no to any of the above questions is there justification and documentation?

265.345 - If operating, does it appear the incinerator/or thermal
and treatment unit is operating at steady state for con-
265.373 ditions of operation, including temperature and air flow?

265.347 - Maintenance and Inspection
and

265.377 1) Are existing instruments relating to combustion
and emission controls monitored every 15 minutes?

If no, explain

2) Does the incinerator/thermal treatment have all the
following instruments for measuring: wastefeed,
auxiliary fuel feed air flow, incinerator temperature
scrubber flow, and scrubber pH? (Circle missing
instruments)

If no, explain.

3) Is the stack plume observed visually at least
hourly for opacity and color?

4) Are there any signs of leaks, spill and fugitive
emissions associated with the pumps, valves,
conveyors, pipes etc? If yes, describe.

5) Are all emergency shutdown controls and system
alarms checked to assure proper operation?

6) Is there any reason to believe the incinerator
is being operated improperly? i.e., steady state
conditions are not maintained.
If yes, explain.

7) Is the incinerator/thermal treatment inspected
daily?

| | <u>YES</u> | <u>NO</u> | <u>N/A</u> |
|--|------------|-----------|------------|
| 263.382 Is there open burning of hazardous waste? | — | — | — |
| a) If yes, what is being burned? (Only burning or detonation of explosives is permitted) | | | |
| b) If open burning or detonation of explosives is taking place approximately what is the distance from the open burning or detonation to the property of others? | | | |

40 CFR 265 Subpart Q - Chemical, Physical and Biological Treatment
 (other than in tanks, surface impoundments or land treatment facilities)

N/A ✓

1) Describe the treatment system at this facility and the types of wastes treated.

| | | | |
|---|---|---|---|
| 263.401 - Does the treatment process system show any signs of ruptures, leaks or corrosion? | — | — | — |
| If yes, describe. | | | |

| | | | |
|---|---|---|---|
| 263.401 - Is there a means to stop the inflow of continuously-fed hazardous wastes? | — | — | — |
|---|---|---|---|

263.403 - Inspections

| | | | |
|--|---|---|---|
| 1) Is the discharge control safety equipment (e.g. waste feed cut-off systems, by-pass systems, drainage systems and pressure relief systems) in good working order? | — | — | — |
| Are they inspected at least once each operation day? | — | — | — |

| | | | |
|--|---|---|---|
| 2) Does the data gathered from the monitoring equipment (e.g., pressure and temperature gauges) show treatment process is operating according to design? | — | — | — |
| Is data gathered at least once each operating day? | — | — | — |

| | | | |
|--|---|---|---|
| 3) Are construction materials of the treatment process inspected at least weekly to detect corrosion or leaking of fixtures and seams? | — | — | — |
|--|---|---|---|

| | | | |
|---|---|---|---|
| 4) Are the discharge confinement structures, (e.g. dikes) immediately surrounding the treatment unit inspected at least weekly to detect erosion or obvious signs of leakage (e.g. wet spots or dead vegetation)? | — | — | — |
|---|---|---|---|

| | | | |
|---|---|---|---|
| 263.405 - Are ignitable or reactive waste fed into the waste treatment system treated or protected from any material or conditions which may cause it to ignite or react? | — | — | — |
| If yes, explain how. | | | |

| | | | |
|---|---|---|---|
| 263.406 - Are the incompatible wastes placed in the same treatment process? | — | — | — |
| If yes, please explain. | | | |

GENERATOR INSPECTION CHECKLIST

40 CFR 262 Subpart A-General

262.11 - Hazardous waste determination

- 1) Did the generator test its waste to determine whether it is hazardous? **TEST DONE BY HAULER TSD FACILITY**
Is the waste hazardous?
- 2) Is the generator determining that its waste exhibits a hazardous waste characteristic(s) based on its knowledge of the material(s) or processes used? **BASED ON ANALYSIS**

Y N N/A

| | | |
|---|---|---|
| ✓ | ✓ | — |
| ✓ | — | — |
| — | ✓ | — |
| ✓ | — | — |

40 CFR 262 Subpart B-The Manifest

Has hazardous waste been shipped off-site since November 19, 1980?

If yes, approximately how many shipments, off-site, have been made and describe the approximate size of an average shipment made on a monthly basis. If facility is a small quantity generator, please explain.

60 shipments

262.21 Does each manifest (or representative sample) have the following information? Please circle the missing elements.

- a manifest document number?
- the generator's name, mailing address, telephone number and EPA I.D. Number?
- the transporter's name and EPA I.D. Number?
- the name, address and EPA ID Number of the designated facility?
- a description of the wastes (DOT)?
- the total quantity of each hazardous waste by units of weight or volume, and the type and number of containers as loaded into or onto the transport vehicle?
- a certification that the materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation under regulations of the DOT and EPA?

(obtain a copy of the incomplete manifests)

| | | |
|---|---|---|
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |
| ✓ | — | — |

40 CFR 262 - Subpart D - Recordkeeping and Reporting

262.40 Has the generator maintained facility records since Nov. 19, 1980? (manifest, exception report and waste analysis)

262.42 Has the generator received signed copies (from the TSD facility) of all the manifests for waste shipped off-site more than 35 days ago?

If not, have Exception Reports been submitted to EPA covering any of these shipments made more than 45 days ago?

| | | |
|---|---|---|
| ✓ | — | — |
| ✓ | — | — |
| — | — | — |

40 CFR 262 - Subpart C - Pretransportation Requirements

YES NO N/A

262.30-33 Before transporting or offering hazardous waste for transportation off-site does the generator:

- 1) Package the waste in accordance with applicable DOT regulations (i.e., 49 CFR Parts 173, 178 & 179) ✓
- 2) Label each package according to DOT (i.e., 49 CFR 172) ✓
- 3) Mark each package according to DOT (i.e., 49 CFR 172) ✓
- 4) Mark each container of 110 gallons or less with the words "Hazardous Waste - Federal Law Prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. EPA." and include the generator's name, address and manifest document number. (i.e., 49 CFR 172.304) ✓

262.34 Accumulation Time

1) How is waste accumulated on-site?

- ☒ Containers
- ☐ Tanks
- ☐ Surface impoundments (complete BMT checklist)
- ☐ Piles (complete BMT checklist)

2) Is waste accumulated for more than 90 days?

If yes, complete BMT checklist

3) Is each container clearly dated with each period of accumulation so as to be visible for inspection?

4) Is each container or tank marked or labeled with the words "hazardous waste" or in compliance with the DOT labeling requirements?

STOP HERE IF THE HAZARDOUS WASTE MGT FACILITY (TSD) CHECKLIST IS FILLED OUT

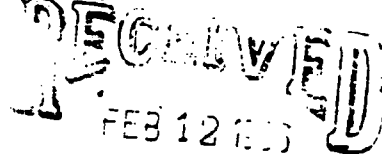
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New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-0001



Henry G. Williams
Commissioner

Mr. Stephen F. Wahl
Secretary and General Counsel
Fairchild Weston Systems Inc.
300 Robbins Lane
Syosett, NY 11791

FEB 05 1986



Dear Mr. Wahl:

Re: Reclassification of NYD061956470
to Generator - Only Status

SOLID WASTE MANAGEMENT
DEC REGION I

The New York State Department of Environmental Conservation (DEC) is now fully responsible for administration of the Resource Conservation and Recovery Act (RCRA) regulatory program for hazardous waste facilities operating under interim status with Part A RCRA Permits.

In order to qualify as an interim status hazardous waste treatment, storage or disposal (TSD) facility pursuant to Section 3005(e) of RCRA and 6NYCRR Part 373, a facility was required to be in existence on November 19, 1980, and to be conducting a hazardous waste activity requiring a RCRA and/or Part 373 Permit. Based on information submitted by your company, it appears that your facility has never qualified for interim status pursuant to Section 3005(e) of RCRA and/or 6NYCRR Part 373, insofar as it never conducted a RCRA or 373 permit-table activity. Therefore, DEC considers your facility to never have operated with interim status under a Part A Permit.

If you have any information which would otherwise indicate that your facility had or does qualify for interim status under RCRA or Part 373, it must be submitted within 14 calendar days of the date of this letter. If you do not respond to this letter within the time provided, your facility will be removed from the list of active TSD facilities.


Please be advised that withdrawal of your Part A Permit application terminates your privilege to operate with interim status in the future. Should you decide to conduct any activity not exempt from the permit requirements of 6NYCRR Part 373 and/or 40 CFR Parts 264, 265 and 270, you must first obtain full Part 373 and RCRA Permits. Failure to obtain the proper permits will subject you to enforcement actions pursuant to Section 3008 of RCRA and Article 27, Titles 7 and 9 of the Environmental Conservation Law.

Mr. Stephen F. Wanh

2.

Should you have any questions concerning this matter, please contact Ms. Michelle Taylor, of my staff, at (518) 457-3274.

Sincerely,



John L. Middelkoop, P.E.
Supervisor, Permits Section
Bureau of Hazardous Waste Technology
Division of Solid and Hazardous Waste

cc: Richard A. Baker (EPA Region II - Permits Administration Branch)
Stan Siegal (EPA Region II - Solid Waste Branch)
David Mafrici (NYSDEC - Bureau of Hazardous Waste Operations)
R. Becherer (Regional Hazardous Waste Engineer, NYSDEC - Region 1)

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-0001



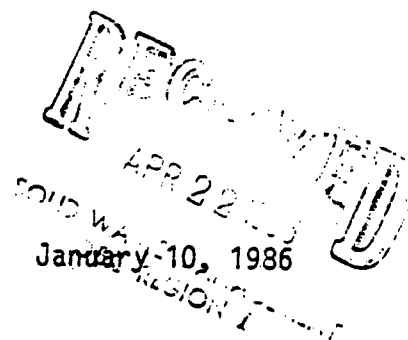
Henry G. Williams
Commissioner

APR 17 1986

Mr. R. Underwood, C.P.E.
Department Head
Plant Services

Fairchild Weston Systems Inc.
300 Robbins Lane
Syosset, New York 11791

File



RE: Hazardous Waste Compliance Inspection Date: January 10, 1986
Location of Handler: Same as Above

EPA Identification Number: NYD061956470

Dear Mr. Underwood:

Thank you for your reply concerning the deficiencies noted in my letter of February 27, 1986.

Your corrective measures have been reviewed and were found to be satisfactory.

Your cooperation has been appreciated.

Sincerely,

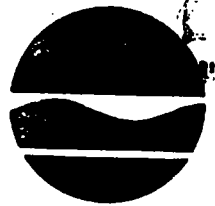
David Mafrici, P.E.
Chief
Bureau of Hazardous Waste Operations
Division of Solid and Hazardous Waste

cc: Ms. Joan Scherb, Regional Attorney
Mr. Robert Becherer, Regional Hazardous Waste Engineer
Ms. Agnes Gara, Inspector
New York State Department of Environmental Conservation - Region 1

Mr. Janakrai M. Desai, Reviewer
New York State Department of Environmental Conservation - Albany

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J F V
DM

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-0001



Henry G. Williams
Commissioner

CERTIFIED MAIL, RETURN RECEIPT REQUESTED

FEB 27 1986

Mr. Thomas Green
Plant Engineer
Fairchild Weston Systems Inc.
300 Robbins Lane
Syosset, New York 11791

RE: Hazardous Waste Compliance Inspection Date: January 10, 1986
Location of Handler: Same as Above

EPA Identification Number: NYD061956470

Dear Mr. Green:

In order to determine compliance with the New York State Hazardous Waste Regulations, the New York State Department of Environmental Conservation conducted an inspection of your facility on the above referenced date.

As a result of that inspection, review of documentation submitted by your facility to this Department, and applying the New York State Hazardous Waste Regulations, we believe that your facility is operating as a generator of hazardous waste.

6NYCRR Part 373-3.2(g)(4) requires the owner or operator to maintain the following documents and records at the facility:

- The job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; and
- A written job description for each applicable position. This description may be consistent in its degree of specificity with descriptions for other similar positions in the same company location or bargaining unit, but must include the requisite skill, education, or other qualifications, and duties of facility personnel assigned to each position.

You have not maintained the above documentation and, therefore, are in violation of 6NYCRR Part 373-3.2(g)(4).

Please confirm, in writing within 30 days of the date stamped on this letter, that the above referenced violation has been corrected and include

supporting documentation as appropriate. You MUST include your EPA Identification Number on all correspondence. This confirmation should be addressed to:


Mr. Robert Becherer, P.E.
Regional Hazardous Waste Engineer
New York State Department of Environmental Conservation
Building 40
SUNY at Stony Brook
Stony Brook, New York 11790
(516) 751-7900
Attention: Ms. Agnes Gara, Inspector

with a copy to:

Mr. David A. Blackman, P.E.
Supervisor of the Compliance Inspection Section
Bureau of Hazardous Waste Operations
Division of Solid and Hazardous Waste
New York State Department of Environmental Conservation
50 Wolf Road - Room 209/415
Albany, New York 12233-0001
(518) 457-0532
Attention: Mr. Janakrai M. Desai, Reviewer

If you have any questions about this notice or should you wish to discuss this matter further, please contact the Inspector or the Reviewer at the telephone numbers above. A copy of the Inspection Form is enclosed for your information.

Sincerely,


David Mafriqi, P.E.
Chief
Bureau of Hazardous Waste Operations
Division of Solid and Hazardous Waste

Enclosure

cc: w/o enc. - Ms. Joan Scherb, Regional Attorney
Mr. Robert Becherer, Regional Hazardous Waste Engineer
Ms. Agnes Gara, Inspector
New York State Department of Environmental Conservation - Region 1

Mr. Janakrai M. Desai, Reviewer
New York State Department of Environmental Conservation - Albany

FAIRCHILD
WESTON
SYSTEMS INC.

DECLASSIFIED
MAY 24 1986

TO: V.A. 100-100000
DEC 10 1986

March 20, 1986

Mr. Robert Becherer, P.E.
Regional Hazardous Waste Engineer
New York State Department of Environmental Conservation
Building 40
SUNY at Stony Brook
Stony Brook, N. Y. 11790

Attention: Ms. Agnes Gara, Inspector

Re: Fairchild Weston Systems Inc.
EPA ID #NYD061956470
Telephone: 516 349-2200

Dear Ms. Gara:

In reply to your letter of February 27, 1986 advising Fairchild Weston Systems Inc. of their non-compliance of regulation 6 NY CRR Part 373-3.2. (g) (4).

The enclosed job titles and job descriptions for employees responsible for hazardous waste management at our facility, are now part of our records and file system.

I hope this documentation will clear up said pending violation. If there are any questions regarding this matter, please contact me at the number above.

Sincerely,

R. Underwood

R. Underwood
Dept. Head, Plant Services

ns

Enc.

cc: H. Weinstein, Director of Operations
S. Wahl, Attorney

FAIRCHILD WESTON

Schlumberger

Fairchild Systems
300 Robbins Lane
Syosset, New York 11791
(516) 349-2200
TWX: 510-221-1859/1836

POSITION DESCRIPTION

| | | | |
|-----------------------------|---|----------|---------|
| POSITION | Department Head - Plant Services | OCC CODE | 0100659 |
| DEPARTMENT | Operations | GRADE | 12 |
| POSITION SUMMARY | <p>Directs the activities of the Plant Services Department to maintain plant facilities, utilities and equipment in first class condition. Plant facilities include all buildings, grounds, and parking lots, all heating, air conditioning and ventilating equipment, and all environmental test chambers.</p> | | |
| EDUCATION | BSME or BSIE or the equivalent in education and experience. | | |
| EXPERIENCE | Minimum of ten years in plant engineering, facilities maintainance and construction engineering with a manufacturer of precision instruments and equipment. | | |
| SPECIAL QUALIFICATIONS | <p>Management experience in plant engineering. Professional engineer license.</p> <p>Experience in a union shop environment.</p> | | |
| DUTIES AND RESPONSIBILITIES | <p>Directs all the activities in the maintenance, repair and construction of buildings, equipment and facilities.</p> <p>Prepares capital expenditure requests for major equipment replacements. Prepares plant maintainance and utility budgets.</p> <p>Overseas the planning, design, construction, maintenance, inspection and alteration of equipment, machinery, buildings, structures, and other facilities.</p> <p>Evaluates the performance and condition of equipment, and initiates corrective action on problems or deficiencies, and on equipment re-design and alteration.</p> <p>Establishes requirements and policies for pollution control to comply with company standards, with EPA and OSHA regulations, and with other Federal, state and local ordinances.</p> <p>Plans the design, and supervises the construction of new or expanded facilities.</p> | | |

POSITION DESCRIPTION (CONTINUED)

Supervises outside contractors personnel. Conducts construction surveillance to assure adherence to contractual requirements.

Arranges for outside repairs when the requirements exceed existing manpower or equipment facilities.

Maintains an awareness of all codes and regulations affecting production equipment and assures that maintenance program is in conformance with local, state and federal regulations.

Responsible for the proper handling and disposal of hazardous wastes, and for the recordkeeping and preparation of reports for the various agencies.

POSITION
REPORTS TO

Department Head - Plant Services

SUPERVISOR

DIV/DEPT HEAD

SALARY
ADMINISTRATOR

EEO COORDINATOR

DATE

R. [Signature]

J. McCauley

12/19/84

POSITION DESCRIPTION

| | | |
|-----------------------------|---|--------------------|
| POSITION | Plant Engineer | OCC CODE 0100316 |
| DEPARTMENT | Plant Services | GRADE 10 |
| | | GRP# 202 EEO = C2 |
| | | FLSA STATUS Exempt |
| POSITION SUMMARY | <p>Responsible for construction, rearrangement, care and maintainance of plant equipment and facilities. Coordinates large maintainance and construction activities with production schedules. Inspects construction to ensure conformance to established drawings and specifications.</p> | |
| EDUCATION | <p>Engineering graduate, with studies in Industrial Engineering, Electrical or Mech. Engineering, or the equivalent in experience and education.</p> | |
| EXPERIENCE | <p>Minimum of five years experience in plant engineering. P.E. license C.P.E. certification</p> | |
| SPECIAL QUALIFICATIONS | <p>Familiarity with equipment used in instrument and systems manufacture (environmental test equipment, plating tanks, waste disposal equipment). Knowledge of OSHA and EPA regulations and standards, local codes and ordinances.</p> | |
| DUTIES AND RESPONSIBILITIES | <p>Responsible for steam generation, hot water, pumps, sewage disposal facilities, compressed air generation and distribution, electrical distribution, emergency diesel generators and pump operations, heating, air conditioning and ventilation systems, environmental test chambers.</p> <p>Establishes the schedules and necessary controls to provide preventive maintainance for manufacturing and processing equipment.</p> <p>Monitors results of all maintainance programs. Advises management, through periodic reports, of equipment replacement needs, alteration and overhaul requirements, and improper use of equipment.</p> <p>Prepares specifications, drawings and work statements for facilities rearrangements, installation modifications, and construction and use of equipment.</p> | |

POSITION DESCRIPTION (CONTINUED)

Prepares contracts for construction and facilities acquisition.

Prepares architectural engineering cost estimates for equipment installation, labor, materials.

Approves construction plans, specifications, and schedules.

Prepares and executes career development plans for personnel which coincide with their career goals and with the Section's organizational growth plans.

Develops specific agreed-to objectives, annually, for Direct Reports, and monitors progress, regularly, toward accomplishment of objectives.

Implements Company's Equal Opportunity Employment policy and Affirmative Action goals.

POSITION
REPORTS TO

Director of Operations

POSITIONS
SUPERVISED

Plant Engineer, Supervisors-Plant Facilities, Facilities Planning Engineer

SUPERVISOR

DIV/DEPT HEAD

SALARY
ADMINISTRATOR

EEO COORDINATOR

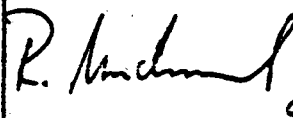
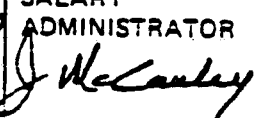
DATE

[Signature]

[Signature]

12/19/84

POSITION DESCRIPTION

| | | | |
|---|---|----------------------|-----------------|
| POSITION | Maintenance A | OCC CODE 0100219 | |
| DEPARTMENT | Plant Services | GRADE 04 | |
| POSITION SUMMARY | Carry out a wide variety of work assignments, in the construction, repair and maintenance of plant facilities, equipment, buildings and grounds. | | |
| EDUCATION | High School graduate, preferably a trade school. | | |
| EXPERIENCE | Up to five years in general maintenance work in an industrial establishment. Should have a basic practical skill and knowledge in one or more of the maintenance trades. | | |
| DUTIES AND RESPONSIBILITIES | <p>Perform various work tasks as assigned. Tasks may require the application of knowledge and skill in a specialized trade, or they may be assignments in general utility.</p> <p>Assignments can include any of the following:</p> <ul style="list-style-type: none"> * Install, repair or maintain various water, steam, gas or pneumatic systems and equipment. * Paint, repair and redecorate walls and woodwork. * Relocate/install machinery, furniture or heavy equipment when changes in the plant lay-out are required. * Handle chemical waste disposal. * Build or maintain in good repair building woodwork and equipment such as partitions, doors, stairs, casings, and trim. * Repair/replace furnishings, tiles, windows, blinds. * Assist in landscaping, lawn care and snow removal. | | |
|   | | SALARY ADMINISTRATOR | EEO COORDINATOR |
| | | DATE | 3/1/86 |

JUL 7 1983

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Rudy Underwood
Director of Plant Services
Fairchild Weston Systems, Inc.
300 Robbins Lane
Syosset, NY 11791

RECEIVED
JUL 11 1983

SOLID WASTE MANAGEMENT
DEC REGION I

Re: EPA Identification Number: NYD061956470
Facility Location: Same
Inspection Date: March 24, 1983

Dear Mr. Underwood:

The Environmental Protection Agency (EPA) is charged with the responsibility of implementing the Solid Waste Disposal Act, as amended, 42 U.S.C. §6901 et seq. (the Act). [Among the statutes amending the Act is the Resource Conservation and Recovery Act (RCRA), 90 Stat. 2795, P.L. 94-580 (1976).] By notification, you informed EPA that you conduct activities at the above referenced facility involving "hazardous waste," as that term is defined in Section 1004(5) of the Act, 42 U.S.C. §6904(5), and in 40 CFR §261.

In accordance with EPA's responsibility, an inspection was performed at this facility by a duly authorized representative of EPA pursuant to Section 3007 of the Act. This above referenced inspection revealed that your facility was acting as a generator by producing hazardous waste.

40 CFR Part 262.34 establishes standards for generators who accumulate hazardous waste on site for 90 days or less. This section of Part 262 incorporates by reference §265.16 and Subparts C, D, I, and J of 40 CFR Part 265.

The inspection revealed that your facility was in violation of one or more of these subparts. On the basis of these findings, the Chief, Solid Waste Branch, Region II, has determined that your facility is operating in violation of Section 3002 of the Act, 42 U.S.C. §6922, and the regulations promulgated thereunder. The following paragraphs indicate the regulatory provisions that have been violated.

§ 40 CFR §262.34(a) allows a generator to accumulate hazardous waste in containers and tanks for a period of no more than 90 days provided the

accumulation conforms to certain regulations. At the time of the inspection, it was revealed that your facility did not meet the requirements of:

40 CFR 226.34(a)(4) which requires a generator to comply with the requirements in 40 CFR 265 Subpart C (Preparedness and Prevention) and 40 CFR 265 Subpart D (Contingency Plan and Emergency Procedures) and with 265.16 (Personnel Training). You were therefore in violation of 40 CFR 226.34(e)(4).

Section 3008 of the Act authorizes the assessment of a civil penalty of up to \$25,000 per day for violations of statutory provisions or relevant regulations. The determination of whether a penalty is to be imposed is based upon the nature and seriousness of the violation and the good faith efforts to comply with the applicable requirements. It has been determined in this case that no penalty will be imposed for the violations cited above if the facility corrects all violations cited herein as expeditiously as possible and in no case later than thirty (30) days from the receipt of this letter. Should the cited violations be discovered at this facility during future inspections, it is likely that an action for the assessment of a civil penalty will be initiated. Furthermore, please be advised that this letter in no way precludes future enforcement actions for any other violations discovered as a result of any other inspection.

Please confirm in writing within thirty (30) days of your receipt of this letter that the above referenced violations have been corrected and include supporting documentation as appropriate. This confirmation should be addressed to:

Ernest A. Regna
Chief, Solid Waste Branch
Air and Waste Management Division
U. S. Environmental Protection Agency, Region II
26 Federal Plaza
New York, NY 10278

With copies to:

Richard A. Baker
Chief, Permits Administration Branch
U. S. Environmental Protection Agency, Region II
26 Federal Plaza
New York, NY 10278

and

James Heil
Regional Solid Waste Engineer, Region 1
New York State Department of Environmental Conservation
Building 40
State University of New York
Stony Brook, NY 11790

You must include your EPA identification number on all correspondence.

Should you have questions about this Notice or should you wish to discuss this matter further, please contact Frank Langone of my staff at (212) 264-2073. A copy of the inspection report is enclosed.

Sincerely yours,

Ernest A. Regna
Chief
Solid Waste Branch

Enclosure

cc: David Mafrici, Chief,
Bureau of Hazardous Waste Operations, NYSDEC, w/o encl.

James Heil ✓
Regional Solid Waste Engineer, Region 1, NYSDEC, w/o encl.

FAIRCHILD WESTON

Schlumberger

TO: R. Underwood

Plant Engineering

Subject: Employee Training
Hazardous Wastecc: Employee Personnel File
File

From: T. Greean

Date: August 3, 1983

On August 3, 1983, I gave on-the-job training instruction covering the regulations for handling hazardous waste as required by RCRA 40 CFR 265.16 personnel training. The instruction was given in the following areas:

1. Waste Container:
 - a. Type
 - b. Inspection
 - c. Labeling
 - d. Handling
 - e. Disposal
2. Storage procedures within our storage facility in relation to compatability, placement and leak checking.
3. Spill containment, reporting and discrepancies.
4. The use of proper handling and safety equipment.
5. Security requirements.
6. Waste disposal procedures.
7. Personnel liabilities.
8. Familiarization with contingency plan and emergency procedures.

The following employees were in attendance:

| <u>NAME</u> | <u>TITLE</u> |
|----------------|-------------------|
| F. DeBenedetto | Maintenance Supv. |
| H. Habenicht | Maintenance Man |
| J. Capobianco | Maintenance Man |
| M. Olszewski | Engineer |

SIGNATUREF. DeBenedettoH. HabenichtJ. CapobiancoM. OlszewskiT. Greean

T. Greean

Plant Engineer

CHEMICAL POLLUTION CONTROL Inc.

For A Safer Environment

120 SOUTH FOURTH STREET
BAY SHORE, N.Y. 11706
(516) 586-0333

April 4, 1983

Fairchild Weston Systems
300 Robbins Lane
Syosset, New York

Attention: Maurice Kran

Dear Sir:

Enclosed you will find a complete outline of training which may be required by your firm.

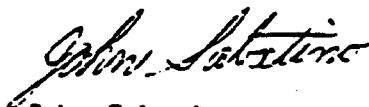
In this form I would suggest two 3½ hour sessions I and II with the first session devoted to Waste Description, Regulatory Requirements, Safety & Handling, Pre-Transport Storage Requirements and the second session devoted to a review of Section I and Section II, Emergency Spill and Control Procedures.

After you review the contents, a meeting will be necessary to discuss the levels of training required for different levels of management, etc.

If you have any questions please feel free to contact me at the above number.

For A Safer Environment

CHEMICAL POLLUTION CONTROL INC.



John Sabatino
Manager

JS:jd
Enc.
cc: Tom Greene

FAIRCHILD WESTON

Schlumberger

FAIRCHILD WESTON SYSTEMS INC.

300 Robbins Lane
Syosset, New York 11791
Tel (516) 349-2200

EPA ID #NYD061956470

August 3, 1983

RECEIVED
AUG 4 - 1983

Mr. Ernest A. Regna
Chief, Solid Waste Branch
Air and Waste Management Div.
U.S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, N. Y. 10278

SOLID WASTE MANAGEMENT
DEC REGION I

Dear Sir:

This is in response to your letter informing us that we are in violation of Subpart 40 CFR, 262.34 (a) (4) and with 265.16 (Personnel Training).

As per the inspection report of March 24, 1983: "Training is conducted regularly for personnel in hazardous waste area, but no formal records are kept", the following efforts were made and action items established for the company to be in compliance with the solid waste disposal act:

1. The following plant personnel received formal training and copies of certification of achievement (copies enclosed) are entered in a training log kept in the facilities department records and the individual's personnel folder.

- A. Rudy Underwood, Department Head
 - June 25, 1980 - Compliance Management Course on EPA and D.T. regulations - Lions Technology Inc., New York, N. Y.
 - April 29, 1981 - Compliance operation course for treating, storing and disposing of hazardous waste in compliance with EPA regulations - Lion Technology, Newark New Jersey.
 - July 7, 1981 - Hazardous Chemical Safety School and Workshop - J.T. Baker Chemical Company, Phillipsburgh, N.Y.
- B. Thomas Greean, Plant Engineer
 - June 25, 1980 - Compliance Management Course on EPA and D.T. regulations - Lion Technology Inc., New York, N.Y.
 - April 29, 1981 - Compliance operation course for treating, storing and disposing of hazardous waste in compliance with EPA regulations - Lion Technology, Newark, New Jersey.

In conjunction with the above formal training, both Mr. Underwood and Mr. Greean attended various seminars sponsored by the State of New York and Nassau County on compliance with New York State Part 360 Hazardous Waste Management.

- C. F. DeBenedetto - Maintenance Supervisor
H. Habenicht - Maintenance Man
J. Capobianco - Maintenance Man
August 3, 1983 - "On-the-job training" for safe and proper handling of waste/containers, wearing/usage of safety equipment, reporting problems, become familiar with contingency plan and emergency procedures.
T. Greean, instructor.
- D. In September, 1983 (after all involved personnel return from vacation), Chemical Pollution Control Inc. of Bayshore, New York, will present two (2) 3½ hour seminars devoted to waste description, regulatory requirements, safety and handling, pre-transport storage requirements, emergency spill and control procedures. See attached outline of program to the employees/supervisors that are in contact with handling hazardous waste in our facility. This course will be properly documented and record of attendance kept.

Hoping the above information is satisfactory to clear up any discrepancies and enable the company to be in compliance with all regulations of RCRA.

Should you have any questions regarding the notice and or the reply, please feel free to contact me or T. Greean, of my staff, at (516) 349-2200.

Sincerely yours,



R. Underwood, C.P.E.
Director Plant Services
Fairchild Weston System Inc.

ns

Enclosures (7)

cc: Richard A. Baker
Chief, Permits Administration Branch
U.S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, New York 10278

James Heil
Regional Solid Waste Engineer
Region I
New York State Dept. of Environmental Conservation
Building 40
State University of New York
Stony Brook, New York 11790

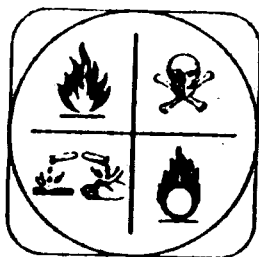
Ed Muehleck
Director, Operations
Fairchild Weston Systems Inc.
300 Robbins Lane
Syosset, New York 11791

Frederick Schmidt
Vice President
Fairchild Weston Systems Inc.
300 Robbins Lane
Syosset, New York 11791

Hazardous Chemical Safety

J.T. Baker Chemical Co.

awards this certificate to



Rudy Underwood

for participation in the

Hazardous Chemical Safety School and Workshop



H. H. Norton
Director, Safety Training

Paul Kleas
President

JUL 7 1981

Certified

J. L. Powell Jones
Instructor

Joe A. Young
Instructor

Certificate Of Achievement



This certificate has been awarded to

Mr. Rudy Underwood

at

NEW YORK, N.Y.

For successfully completing the Lion Technology Inc.
Compliance Management Course on the applicable regulations
of the United States Environmental Protection Agency and the
United States Department of Transportation regarding the safe
disposal of wastes designated as hazardous,

as of JUNE 25th 1980

Handwritten signature of W. Gaggart in cursive script.

INSTRUCTOR

Handwritten signature of Paula Russo in cursive script.

COORDINATOR

LION
TECHNOLOGY INC. A logo featuring a stylized lion's head inside a hexagonal frame.

Certificate Of Achievement

T.S.D.F.
OPERATIONS

This certificate has been awarded to

Mr. Rudy Underwood

at
NEWARK, NEW JERSEY

*For successfully completing the Lion Technology Inc.
Compliance Operations Course on the applicable regulations
of the United States Environmental Protection Agency
regarding safe and legal procedures for accumulating,
treating, storing and disposing of wastes
designated as hazardous*

as of

APRIL 29, 1981

Charles M. Pike Jr.
INSTRUCTOR

LION 
TECHNOLOGY INC.

Certificate Of Achievement



This certificate has been awarded to

Mr. Thomas Greean

at

NEW YORK, N.Y.

*For successfully completing the Lion Technology Inc.
Compliance Management Course on the applicable regulations
of the United States Environmental Protection Agency and the
United States Department of Transportation regarding the safe
disposal of wastes designated as hazardous,*

as of

JUNE 25th 1980


INSTRUCTOR


COORDINATOR

LION
TECHNOLOGY INC. 

Certificate Of Achievement

T.S.D.F.
OPERATIONS

This certificate has been awarded to

Mr. Tom Greean

at

NEWARK, NEW JERSEY

*For successfully completing the Lion Technology Inc.
Compliance Operations Course on the applicable regulations
of the United States Environmental Protection Agency
regarding safe and legal procedures for accumulating,
treating, storing and disposing of wastes
designated as hazardous*

as of

APRIL 29, 1981

Donald J. Wascman
INSTRUCTOR

LION
TECHNOLOGY INC.



RCRA GENERATOR INSPECTION FORM

COMPANY NAME: Fairchild Weston Systems Inc. EPA I.D. NUMBER: NYD061956470

COMPANY ADDRESS: 300 Robbins Lane
Syosset NY

COMPANY CONTACT OR OFFICIAL:
Rudy Underwood

INSPECTOR'S NAME: Jere Austin

TITLE: Director, Plant Services.

BRANCH/ORGANIZATION: NYSDEC
Reg I Stony Brook

CHECK IF FACILITY IS ALSO A TSD FACILITY ☒

DATE OF INSPECTION: 8/12/81

| | | |
|-----|----|-------------|
| YES | NO | DO NOT KNOW |
|-----|----|-------------|

(1) Is there reason to believe that the facility has hazardous waste on site? ☒ ☐ ☐

a. If yes, what leads you to believe it is hazardous waste?
Check appropriate box:

☐ Company admits that its waste is hazardous during the inspection.

☒ Company admitted the waste is hazardous in its RCRA notification and/or Part A Permit Application.

☐ The waste material is listed in the regulations as a hazardous waste from a nonspecific source (§261.31)

☐ The waste material is listed in the regulations as a hazardous waste from a specific source (§261.32)

☐ The material or product is listed in the regulations as a discarded commercial chemical product (§261.33)

☐ EPA testing has shown characteristics of ignitability, corrosivity, reactivity or extraction procedure toxicity, or has revealed hazardous constituents (please attach analysis report)

☐ Company is unsure but there is reason to believe that waste materials are hazardous. (Explain)

| YES | NO | DON'T KNOW |
|-----|----|---------------|
|-----|----|---------------|

- b. Is there reason to believe that there are hazardous wastes on-site which the company claims are merely products or raw materials?

| | | |
|---|---|---|
| — | ✓ | — |
|---|---|---|

Please explain:

- c. Identify the hazardous wastes that are on-site, and estimate approximate quantities of each.

Acids, Bases, chlorinated Solvents,
Alcohol 12 drums

- d. Describe the activities that result in the generation of hazardous waste.

Mfr. printed circuit boards

- (2) Is hazardous waste stored on site?

| | | |
|---|---|---|
| ✓ | — | — |
|---|---|---|

- a. What is the longest period that it has been accumulated?

- b. Is the date when drums were placed in storage marked on each drum?

| | | |
|---|---|---|
| — | ✓ | — |
|---|---|---|

- (3) Has hazardous waste been shipped from this facility since November 19, 1980?

| | | |
|---|---|---|
| ✓ | — | — |
|---|---|---|

- a. If "yes," approximately how many shipments were made?

15

- (4) Approximately how many hazardous waste shipments off site have been made since November 19, 1980?

15

- a. Does it appear from the available information that there is a manifest copy available for each hazardous waste shipment that has been made?

| | | |
|---|---|---|
| ✓ | — | — |
|---|---|---|

- b. If "no" or "don't know," please elaborate.

| | <u>YES</u> | <u>NO</u> | <u>NOT KNOWN</u> |
|--|-------------|-------------|----------------------|
| c. Does each manifest (or a representative sample) have the following information? | | | |
| - a manifest document number | <u>✓</u> | <u> </u> | <u> </u> |
| - the generator's name, mailing address, telephone number, and EPA identification number | <u>✓</u> | <u> </u> | <u> </u> |
| - the name, and EPA identification number of each transporter | <u>✓</u> | <u> </u> | <u> </u> |
| - the name, address and EPA identification number of the designated facility and an alternate facility, if any: | <u>✓</u> | <u> </u> | <u> </u> |
| - a description of the wastes (DOT) | <u>✓</u> | <u> </u> | <u> </u> |
| - the total quantity of each hazardous waste by units of weight or volume, and the type and number of containers as loaded into or onto the transport vehicle | <u>✓</u> | <u> </u> | <u> </u> |
| - a certification that the materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation under regulations of the Department of Transportation and the EPA | <u>✓</u> | <u> </u> | <u> </u> |
| (5) Were there any hazardous wastes stored on site at the time of the inspection? | <u>✓</u> | <u> </u> | <u> </u> |
| a. If "yes," do they appear properly packaged (if in containers) or, if in tanks, are the tanks secure? | <u>✓</u> | <u> </u> | <u> </u> |
| b. If not properly packaged or in secure tanks, please explain. | | | |
| c. Are containers clearly marked and labelled? | <u>✓</u> | <u> </u> | <u> </u> |
| d. Do any containers appear to be leaking? | <u> </u> | <u>✓</u> | <u> </u> |
| e. If "yes," approximately how many? | | | |

| | <u>YES</u> | <u>NO</u> | <u>DON'T KNOW</u> |
|--|------------|-----------|-----------------------|
| *(6) Has the generator submitted an annual report to EPA covering the previous calendar year? | — | <u>✓</u> | — |
| a. How do you know? | | | |
| (7) Has the generator received signed copies (from the TSD facility) of all manifests for wastes shipped off site more than 35 days ago? | <u>✓</u> | — | — |
| a. If "no," have Exception Reports been submitted to EPA covering these shipments? | — | — | — |
| (8) General comments. | | | |

* The effective date for this requirement is March 1, 1982.

RCRA TREATMENT, STORAGE AND DISPOSAL FACILITY INSPECTION FORM
FOR TSD FACILITIES ONLY

COMPANY NAME: Fauranite

EPA I.D. Number: NYD061956-00

COMPANY ADDRESS: 600 Eubanks Lane Syosset NY

COMPANY CONTACT OR OFFICIAL:

OTHER ENVIRONMENTAL PERMITS HELD

Rudy Underwrop

BY FACILITY: ☒ ⁵ XPDES

TITLE: Director, Plant Services

☒ AIR

☐ OTHER

INSPECTOR'S NAME: Jerre Austin

DATE OF INSPECTION: 8/12/81

BRANCH/ORGANIZATION:

TIME OF DAY INSPECTION TOOK PLACE:

NYSDEC reg I Stony Brook

10 AM

(1) Is there reason to believe that the facility has hazardous waste on site? YES

a. If yes, what leads you to believe it is hazardous waste?
Check appropriate box:

☐ Company admits that its waste is hazardous during the inspection.

☒ Company admitted the waste is hazardous in its RCRA notification and/or Part A Permit Application.

☐ The waste material is listed in the regulations as a hazardous waste from a nonspecific source (§261.31)

☐ The waste material is listed in the regulations as a hazardous waste from a specific source (§261.32)

☐ The material or product is listed in the regulations as a discarded commercial chemical product (§261.33)

☐ EPA testing has shown characteristics of ignitability, corrosivity, reactivity or extraction procedure toxicity, or has revealed hazardous constituents (please attach analysis report)

☐ Company is unsure but there is reason to believe that waste materials are hazardous. (Explain)

b. Is there reason to believe that there are hazardous wastes on-site which the company claims are merely products or raw materials?

YES NO DON'T KNOW

Please explain:

Inspection.

☒ Company admitted the waste is hazardous in its RFA notification and/or Part A Permit Application.

☐ The waste material is listed in the regulations as a hazardous waste from a nonspecific source (§261.31)

☐ The waste material is listed in the regulations as a hazardous waste from a specific source (§261.32)

☐ The material or product is listed in the regulations as a discarded commercial chemical product (§261.33).

☐ EPA testing has shown characteristics of ignitability, corrosivity, reactivity or extraction procedure toxicity, or has revealed hazardous constituents (please attach analysis report)

☐ Company is unsure but there is reason to believe that waste materials are hazardous. (Explain)

| | <u>YES</u> | <u>NO</u> | <u>DON'T KNOW</u> |
|--|------------|-----------|-----------------------|
| b. Is there reason to believe that there are hazardous wastes on-site which the company claims are merely products or raw materials? | — | <u>✓</u> | — |

Please explain:

c. Identify the hazardous wastes that are on-site, and estimate approximate quantities of each.

*Acids, bases, chemicals & solvents,
oil, etc. 12 drums.*

| | | | |
|---|----------|----------|---|
| (2) Does the facility <u>generate</u> hazardous waste? | <u>✓</u> | — | — |
| (3) Does the facility <u>transport</u> hazardous waste? | — | <u>✓</u> | — |
| (4) Does the facility <u>treat</u> , <u>store</u> or <u>dispose</u> of hazardous waste? | — | <u>✓</u> | — |

OFF SITE RECONNAISSANCE
INFORMATION REPORTING FORM

Date: 7/14/87

Site Name: Fairchild Instrument Corp. TDD: 02-8707-07

Site Address: 300 Robbins Lane
Street, Box, etc.

Syosset
Town

Nassau
County

New York
State

| NIS Personnel: | Name | Discipline |
|----------------|-----------------------|--------------------------------|
| | <u>Stephen Meyers</u> | <u>Environmental Scientist</u> |
| | <u>Joe Moutaugh</u> | <u>Field Technician</u> |
| | | |

Weather Conditions (clear, cloudy, rain, snow, etc.):

cloudy, very humid

Estimated wind direction and wind speed: No significant wind

Estimated temperature: 85°F

Signature: Stef E. Myers Date: 7/14/87

Counter signed: Joseph Moutaugh Date: 7/15/87

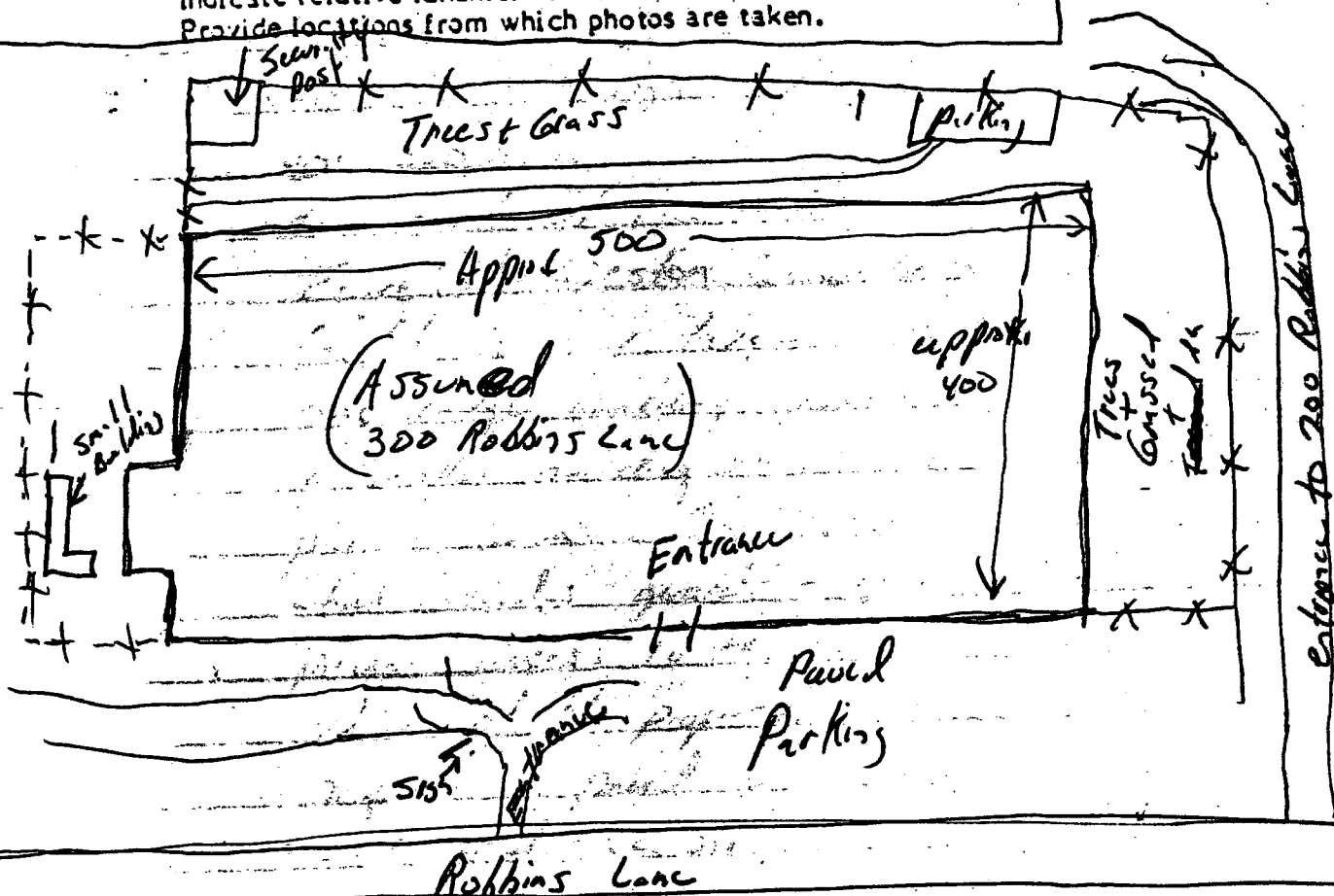
OFF SITE RECONNAISSANCE
INFORMATION REPORTING FORM

Date: 7/14/87

Site Name: Fairchild Instant Corp TDD: 02-870707

Site Sketch:

200 Robbins Lane (Commercial Buildings)
Indicate relative landmark locations (streets, buildings, streams, etc.).
Provide locations from which photos are taken.



Signature: Stef E May

Date: 7/14/87

Counter signed: Joseph Martangl

Date: 7/15/87

OFF SITE RECONNAISSANCE
INFORMATION REPORTING FORM

Date: 7/14/87

Site Name: Fairchild Instrument Corp TDD: 02-8107-07

Photolog:

| Frame/photo Number | Date | Time | Photographer | Description |
|----------------------------|---------|------|--------------|---|
| 1P 4 15 4 | 7/14/87 | 1025 | J. Murphy | Looking NE toward the rear of the facility |
| 1P 5 15 5 | 7/14/87 | 1030 | J. Murphy | Looking SE at the East of the Building |
| 1P 6 ¹⁷ 15 6 | 7/14/87 | 1032 | J. Murphy | Looking SE at the sign in front of the Building. The Building is in the background. |

Attach additional sheets if necessary. Provide site name, TDD number, signature, and counter signature on each.

Signature: Step E Murphy Date: 7/14/87
Counter Signature: Joseph M. Muntangh Date: 7/15/87

OFF SITE RECONNAISSANCE
INFORMATION REPORTING FORMDate: 7/14/87Site Name: Fairchild Instrument Corp DO: 02-8707-02

Notes (Periodically indicate time of entries in military time):

1220 Arrive at what is believed to be 300 Robbins Lane. No number (address) can be found to definitely identify the building but it falls in the right spot on the Block for 300 Robbins Lane. The sign in the front of the building is for Fairchild Weston Schumberger. The facility is very large consisting of one large building approximately 500ft x 400ft a smaller building on the east side and parking areas. The site has security which includes guards & fences. Fences prevent access to the west and south sides of the property. Much of the property is paved for parking with grass and ~~tree~~ trees on the south and west sides. There is no evidence of waste disposal or storage on site. The area

Signature: Lt. E. Murphy Date: 7/14/87
Counter Signature: Joseph Brunsting Date: 7/15/87

OFF SITE RECONNAISSANCE
INFORMATION REPORTING FORM

Date: 7-15-87

Site Name: Fairchild Instrument Corp TDD: 62-F707-07
in

Notes (Cont'd):

is primarily industrial commercial with
some houses within 1/2 mile west of the
site and east. The area is relatively
flat with no obvious drainage routes to
surface water. There are ponds in
the parking areas.
let area at 1040 hours.

Attach additional sheets if necessary. Provide site name, TDD number, signature,
and counter signature on each.

Signature: Steve E. Murphy Date: 7/14/87

Counter Signature: Joseph M. Muntangh Date: 7/15/87

Continuation Sheet

Owner or
Agent :

Address:

Inspector

DATE

C O M M E N T S

Mr. Greco indicated that connection of the existing industrial discharge to the Nassau County sewer system is due to take place within one to two months. Inspection revealed that Fairchild is completing installation of plumbing lines ~~to~~ to a pre-treatment system. The system will consist of an above ground plastic tank with bottom aerator. Incoming water flow is reduced in velocity by a baffle. ~~Flow is maintained in~~ ^{Flow is maintained in} ~~the tank~~ by aerators. An overflow weir at the effluent line discharges to a below ground ceramic tiled tank. This tank overflows into a second ceramic tile lined tank. Two turbine pumps will discharge the effluent to the sewer system above ground after it enters a sampling pit & exits past a gate valve.

The pre-treatment system allows for pH control, and if necessary precipitation/flocculation for heavy metals. Currently only pH control appears to be necessary.

ENVIRONMENTAL
HEALTH

Continuation Sheet

Nassau County Health Department

Owner or
Agent :
Address:

Inspector

DATE

COMMENTS

To: L. Sama
From: J. Schechter
Subject: Inspection - Fairchild Weston Systems Inc.
S/OSSE, N.Y.
SPDES NY 0076155

On 1/8/81 at 10:00 AM A Meeting and inspection was held at Fairchild Weston Systems Inc. Those attending included:

Rudy Underwood, facilities Mgr, Fairchild Weston
Tom Grean, plant engineer, " "
Jim Herrmann, Supervisor - Failure analysis lab, " "
Joseph Schechter, NCDH

The purpose of the meeting was to deliver the renewal SPDES permit. Discussion of the permit included the requirements for ~~parameter~~ analysis of parameters not contained in the expired permit (i.e. Total Nitrogen, Tin, + aluminum) + elimination of cadmium analysis. Mr. Herrmann indicated that an atomic absorption unit is in the 1981 budget. If additional test kits cannot be obtained for analysis needs, an outside approved laboratory will be utilized for the additional analyses.

The requirement for a 3 day high intensity monitoring for methylene chloride and

Continuation Sheet

Owner or
Agent :
Address:

Inspector

EH 109a 1/68

ENVIRONMENTAL
HEALTH

Continuation Sheet

Nassau County Health Department

Owner or

Agent :

Address:

Inspector

DATE

COMMENTS

Inspection of the printed circuit facility revealed little change in operation. Currently new equipment is being installed to reduce flows of rinse water by use of spray rinses + counter current rinsing. Use of non-ammoniated etchant for through the electroless plating operation may be discontinued and be replaced by peroxides.

Methylene chloride is no longer used in the process. However, the spray rinse after developing of the photoresist image with trichloroethylene is still continuing. A change in the chemistry in this process is contemplated shortly.

No change in operation of the allodine process has occurred. This is a closed loop system employing a Culligan ion exchange system for the rinse water.

It was impossible to verify the type of analysis being used on wastewater samples, as the chemist responsible was not available on this date. However, I was advised that test kits (similar to HACK Technique) are now being utilized.

ENVIRONMENTAL
HEALTH

Continuation Sheet

Nassau County Health Department

Owner or
Agent :

Address:

Inspector

DATE

COMMENTS

Mr. Green + Mr. Underwood were requested to look into the possibility of routing boiler blowdown and cooling tower bleed into the sewer system. The initial reaction to the request was concern for the piping requirements (length of run + ability of the plastic pipe to withstand the temperature). However, due to the monitoring requirements of the SPDES permit that would have to be maintained for a groundwater discharge, Fairchild representatives determined that connection to the sewer system seemed like the best alternative. Mr. Green agreed to contact NCDM as soon as connection to the sewer is made for the purpose of a follow up inspection. LDEW has already agreed that boiler blowdown + cooling tower bleed would be acceptable for inclusion in the sewer?

~~John S.~~

waste drum storage

Drums of fresh + waste material were stored outside on asphalt. All drums were labelled as to contents + time of accumulation + were tightly sealed. Mr. Green showed this inspector copies of manifests designed + printed for Fairchild and a record book being used to track the wastes from time of storage to final disposal.

ENVIRONMENTAL
HEALTH

Continuation Sheet

Nassau County Health Department

Owner or
Agent :
Address:

Inspector

DATE

COMMENTS

In addition, waterproof labels are being used on waste drums - These indicate type of waste, time of beginning accumulation, ~~sorting~~ for cross indexing with the manifest and DOT classification code.

After connection of the industrial waste discharge to the sewer, Mr. Green will concentrate on providing proper spill control at the waste drum storage area & will request at that time a 360 permit.

J. Schuchman

ENVIRONMENTAL
HEALTH
Continuation Sheet
Nassau County Health Department

Owner or
Agent : FAIRCHILD · WESTON
Address: 300 ROBBINS LANE
SYOSSET NY 11791

RW
FILE
SPDES
GEN CORRE
Inspector

DATE

COMMENTS

On 11/22/83 I met with Thomas Green and
Glen Hennington to discuss SPDES requirements
and inspect the waste storage.

Since August 1982 Fairchild's process
waste stream has been directed to the county
sewer system. An inspection was conducted to
observe the machinery which contributes to the
non-contact cooling water flow. This
machinery included machine shop tools using water
cooled hydraulics; two vapor depressors; an induction
heater; an atmospheric furnace in microelectronics
and a vapor solderer. The vapor solderer also has
a separator to remove water from the
tetrachloroethylene used in cleaning the soldered
pieces. This water is discharged along with the
non-contact cooling water. The cooling water will
be tested for halogenated organics to determine if
this is causing a contamination problem. The sump
basin which receives the cooling water appeared clean.
The flow into the basin did not seem to be the
6000 GPD stated in the permit. Mr. Green
explained that that figure also included an estimate
of the amount of rainwater entering the basin.
It was decided to let this figure remain instead
of trying to calculate the cooling water flow through
each apparatus.

ENVIRONMENTAL
HEALTH
Continuation Sheet
Nassau County Health Department

Owner or
Agent :
Address:

Inspector

DATE

COMMENTS

An inspection was made of the waste storage building. The waste drums including 1.4' Trichloroethene, waste plating chemicals and regeneration wastes are stored above a trench on a metal grating. The trench is designed to act as spill containment and allow visual inspection for leaks. ~~The~~ No evidence of leaks was noted. Inspection of the waste manifest showed them to be up to date. A part 360 inspection form was prepared.

We discussed the necessity of requesting a modification of the SPOES Permit to reflect the tie-in of the boiler waste to the sewer. Mr. Hennings will request the modification.

Howard Schaffer



**FAIRCHILD WESTON
SYSTEMS INC.**
Excellence in Defense Systems Technology... Worldwide

SYOSSET, LONG ISLAND, NEW YORK

February 9, 1984

Mr. Howard Schaefer
Nassau County Health Department
240 Old Country Road
Mineola, New York 11501

Subject: SPDES Permit Modification

Dear Mr. Schaefer:

This is to inform you that the plant waste discharge from outfall #001 has been changed. It now contains only roof and parking lot runoff, and also non-contact cooling water. All of our rinse waters are now either treated and then released into the Nassau County Sewer System, or they are filtered and the waste is scavenged. Because of these changes, I feel that it is unnecessary to monitor the daily outflow and also its pH.

Enclosed please find a copy of a letter dated 1/20/84 and test report sent to me by Mr. Howard Schaefer of the Bureau of Land Resources Management, Nassau County Department of Health. As you can see, our non-contact cooling water discharge shows no evidence of organic chemicals, which further substantiates my reason for discontinuing the monitoring of this outfall.

If you have any questions, please contact me at 349-2384.

Very truly yours,

RECEIVED

FEB 11 1984

**NCDH
BLRM**

Glen Hanington
Supervisor, Failure Analysis/
Materials Laboratory

Enclosures

GH/jm

Postmark
4/2/84
(HS)

FAIRCHILD SYSTEMS

300 ROBBINS LANE, SYOSSET, NEW YORK 11791 • (516) 349-2200 • TWX: 510-221-1836/1859

**FAIRCHILD
WESTON
SYSTEMS INC.**

July 30, 1985

Permit Contact
Permit Administration Branch
Room 432, U.S. Environmental
Protection Agency
26 Federal Plaza
New York, NY 10007

Re: SPDES Permit No. NY0076155

Dear Sirs:

Fairchild Weston Systems Inc. (FWSI) of Syosset, NY would like to request New York State to delete the requirement for a SPDES permit at this facility.

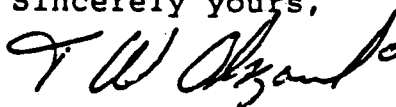
As stated in previous memos to your office, FWSI has both a sanitary and industrial waste hook-up with the Nassau County sanitation sewer system. Only non-contact cooling water and rain runoff water (from rooftops and parking lots) are allowed to enter the surface pond for which the permit is required. In December of 1983, the discharge was analyzed by Nassau County Department of Health and found no evidence of organic chemicals. Dr. G. Robin at NYSDEC (Stonybrook) has advised us to analyze an additional discharge sample to verify non-contamination of effluent. The sample will be taken and analyzed by Volumetric Techniques Limited, 317 Bernice Drive, Bayport, NY 11705. The test results will be available and forwarded to your office by August 30, 1985. If the results show no contaminants, we would like the SPDES permit requirement deleted. Until the results of the above tests are received, we would like to request an extension on our submission of the SPDES application to August 30, 1985.

FAIRCHILD WESTON
Schlumberger

300 Robbins Lane
Syosset, New York 11791

If you have any questions or comments please feel free to contact me.

Sincerely yours,



T. W. Olszanski
Failure Analysis Supervisor

TWO/jmw

CC: Dr. G. Robin
NYSDEC Reg. 1
Bldg. 40
SUNY at Stony Brook
Stony Brook, NY 11790

New York State Department
of Environmental Conservation
50 Wolf Road
Albany, NY 12233-0001

Steve Fangmann, P.E.
Nassau County Dept.
of Public Works
1 West Street
Mineola, NY 11501

Daniel Larken
NYSDEC Reg. 1
Bldg. 40
SUNY at Stony Brook
Stony Brook, NY 11790

Howard Schaefer
Nassau County Health Dept.
240 Old Country Rd.
Mineola, NY 11501

RCRA INSPECTION FORM

Report Prepared for:

Generator ☒

Transporter ☐

HWM (TSD) facility ☐

Copy of report sent to the facility ☐

Facility Information

Name: FAIRCHILD WESTON SYSTEMS, INC.

Address: 300 ROBBINS LANE
SYOSSET, N.Y. 11791

EPA ID: NYDO 61956470

Date of Inspection: MAR 24, 1983

Participating Personnel

State or EPA Personnel: AUGUST LA RUFFA, NYS DEC

Facility Personnel: RUDY UNDERWOOD - PR. ENG.
Tom GREEN - PLANT ENG. & MGMT.

Report Prepared by Name: AUGUST LA RUFFA

Agency: NYS DEC REG 1

Telephone #: (516) 751-7900

Approved for the Director by:

[Signature]
JOHN W. RULINER
NYS DEC REG 1001

Facility Name Fairchild Western Systems

Date of Inspection 3/11/71

EPA I.D. No. NYDC 61952470

NOT FOR RELEASE TO COMPANY, PROTECTED INFORMATION

Summary, Conclusions and Recommendations

[Faint, illegible handwritten notes on lined paper]

Summary of Findings

Facility Description and Operations

THE FACILITY MANUFACTURES ELECTRONIC COMPONENTS. HAZARDOUS WASTE OF VARIOUS TYPES (ACID WASTES, CORROSIVE WASTES, SOLVENTS, OILS, RESINS) ARE COLLECTED FROM VARIOUS PARTS OF THE PLANT AND STORED IN 55 GAL CONTAINERS IN A HAZARDOUS MATERIAL ENCLOSED STORAGE AREA. THE STORAGE AREA IS PERIMETERED WITH A CONCRETE FLOOR AND A COLLECTION SUMP TO COLLECT ANY INADVERTENT SPILLS.

THE FACILITY DOES NOT DISPOSE OF ANY WASTE ON SITE. ALL WASTES ARE SHIPPED OFF THE FACILITY BY A LICENSED HAULER EVERY ^{three to} SIX WEEKS.

Describe the activities that result in the generation of hazardous waste.

MANUFACTURE OF ELECTRONIC COMPONENTS AND
CAMERAS FOR MILITARY USE.

Identify the hazardous waste located on site, and estimate the approximate quantities of each. (Identify Waste Codes)

111 TRICHLOROETHANE F001 6 drums

SOLUBLE OIL/WATER NON HAZARDOUS 2 drums

BERYLLIUM COMPOUND P015 2.75 lbs

-C-

Is there reason to believe that the facility has hazardous waste on-site?

- a. If yes, what leads you to believe it is hazardous waste?
Check appropriate boxes:

- ☒ Company admits that its waste is hazardous during the inspection.
- ☒ Company admitted the waste is hazardous in its RCRA notification and/or Part A Permit Application.
- ☒ The waste material is listed in the regulations as a hazardous waste from a nonspecific source (§261.31)
- ☒ The waste material is listed in the regulations as a hazardous waste from a specific source (§261.32)
- ☐ The material or product is listed in the regulations as a discarded commercial chemical product (§261.33)
- ☒ Testing has shown characteristics of ignitability, corrosivity, reactivity or extraction procedure toxicity, or has revealed hazardous constituents (please attach analysis report)
- ☐ Company is unsure but there is reason to believe that waste materials are hazardous. (Explain)

Transporter Inspection Report Form

W/IT

40 CFR Part 263 Transporter Standards

| | YES | NO | N/A |
|--|-------|-------|-------|
| 253.10 - Does the transporter carry hazardous waste? | _____ | _____ | _____ |
| 253.12 - Does the transporter store hazardous waste at a transfer facility - if yes, how long? _____ 10 days or less _____ more than 10 days (complete TSD form) | _____ | _____ | _____ |
| 253.20 - Manifest System | | | |
| 1) Does the transporter have a copy for each manifest shipment of hazardous waste? | _____ | _____ | _____ |
| 2) Does a representative portion of the manifests show the following information (if no, circle the missing information) | _____ | _____ | _____ |
| o Generator's name, address, telephone and EPA I.D. numbers, signature and date of signature | _____ | _____ | _____ |
| o Transporter's name, EPA I.D. number, signature and date of signature | _____ | _____ | _____ |
| o TSD's name, address and EPA I.D. Number | _____ | _____ | _____ |
| and either the signature and date of the TSD or the name, EPA I.D., signature and date of the next transporter. | _____ | _____ | _____ |
| o Manifest Document number | _____ | _____ | _____ |
| o Proper DOT shipping description | _____ | _____ | _____ |
| o Quantity & type of containers | _____ | _____ | _____ |
| (If no, to any of the above obtain copies of incomplete manifests). | | | |
| 3) Based on available information, do all manifests conform to the hazardous waste shipments made? If no, explain | _____ | _____ | _____ |
| 252.22 - Have records been kept since November 19, 1980? | _____ | _____ | _____ |
| 253.30 - Has there ever been a spill or discharge of hazardous waste during transportation? | _____ | _____ | _____ |
| If yes, was the incident report submitted to DOT? (obtain copy of the report) | _____ | _____ | _____ |
| 253.31 - If there was any spill or discharge of hazardous waste, was it cleaned up? If no, explain. | _____ | _____ | _____ |

General Comments:

HAZARDOUS WASTE TREATMENT FACILITY CHECK LIST
(Facilities Subject to 40 CFR 265 Standards)

YES NO N/A

40 CFR Part 265 Subpart B General Facility Standards

265.13-General Waste Analysis

- 1) Is there a detailed chemical and physical analysis of a representative sample of the waste or each waste?
(As a minimum this analysis must contain all the information necessary for proper management of the waste)

✓ — —

- 2) Does the character of the waste handled at the facility change from day to day, week to week, etc., thus requiring frequent testing?
You may check only one

Waste Characterization vary _____
All waste are basically the same ✓
Company treats all waste as hazardous _____

- 3) Is there a written waste analysis plan at the facility?

ALL WASTE ANALYSIS IS DONE BY HAZLEK'S ✓
Does it contain the following: CHEMICAL POLLUTION CONTROL
DRIPE SOLVENTS

- a) Parameters for each waste to be analyzed and the rationale for the selection of these parameters. — — —
b) Test methods used to test these parameters. — — —
c) Sampling methods to obtain a representative sample of the waste to be analyzed. — — —
d) Frequency of repeated analysis to ensure accurate and current information. — — —

- 4) Does hazardous waste come to this facility from an outside source? e.g. another generator. — — ✓

- 5) If waste comes from an outside source, are there procedures in the plan to insure that waste received conforms to the accompanying manifest? — — ✓

265.14-Security

- 1) Is there: a) a 24-hour surveillance system? or.
b) a suitable barrier which completely surrounds the active portion of this facility?

✓ — —

- 2) Are there "Danger-Unauthorized Personnel Keep Out" signs posted at each entrance to the facility?

✓ — —

If no, explain what measures are taken for security.

265.15 - General Inspections Requirements

- 1) Does the facility have a written inspection schedule? ✓ — —
2) Does the schedule identify the types of problems to be looked for and the frequency of inspections? ✓ — —
3) Does the owner/operator record inspections in a log? ✓ — —
4) Is there evidence that problems reported in the inspection log have been remedied? — — ✓

265.16 - Personnel Training

Y N N/A

- 1) Have facility personnel successfully completed a program of classroom instruction or on-the-job training within 6 months of having been employed?

Y — —

If yes, have facility personnel taken part in an annual review of training?

Y — —

- 2) Is there written documentation of the following:

— job title for each position at the facility related to hazardous waste management and the name of the employee filling each job?

Y — —

— type and amount of training to be given to personnel in jobs related to hazardous waste management?

Y — —

— annual training or experience received by personnel?

Y — —

- 3) Are training records kept on all employees for at least 1 year?

Training is conducted regularly for personnel in hazardous waste area but no formal record kept.
12/7/11

265.17 - General Requirements for Ignitable, Reactive or Incompatible wastes

- 1) Are there ignitable, reactive or incompatible wastes on site?

Y — —

If yes, what are the approximate types and quantities and location of the waste.

*VARIOUS SOLIDS in column
VARIOUS CRUSTALS in column
SOLVENTS in column (the storage area)*

- 2) Have precautions been taken to prevent accidental ignition or reaction of ignitable or reactive waste?

Y — —

If no, please explain.

- 3) In your opinion, are proper precautions taken so that these wastes do not:

— generate extreme heat or pressure, fire or explosion, or violent reaction?

Y — —

— produce uncontrolled toxic mist, fumes, dusts or gases in sufficient quantities to pose a risk of fire or explosion?

Y — —

— damage the structural integrity of the device or facility containing the waste?

Y — —

— threaten human health or the environment?

Y — —

40 CFR 265 - Subpart C - Preparedness and Prevention

265.32 Does the facility comply with preparedness and prevention requirements including maintaining:

- an internal communications or alarm system?
- a telephone or other device to summon emergency assistance from local authorities?
- portable fire equipment?
- water at adequate volume and pressure to supply water hose streams, foam producing equipment, etc.

265.33 Is equipment tested and maintained?

265.34 Is there immediate access to communications or alarm systems during handling of hazardous waste?

265.35 Adequate aisle space?

If no, please explain storage pattern.

In your opinion, do the types of waste on-site require all of the above procedures, or are some not needed? Explain.

40 CFR 265 - Subpart D - Contingency Plan and Emergency Procedures

Does the facility have a written contingency plan for emergency procedures designed to deal with fires, explosions or any unplanned release of hazardous waste?

- 1) Does the plan describe arrangements made with the local authorities?
- 2) Has the contingency plan been submitted to the local authorities?
- 3) Does the plan list names, addresses and phone numbers of Emergency Coordinators?
- 4) Does the plan have a list of what emergency equipment is available?
- 5) Is there a provision for evacuating facility personnel?
- 6) Was there an emergency coordinator present or on call at the time of the inspection?

40 CFR 265 Subpart E-Manifest System, Recordkeeping and Reporting

265.71 - Use of the Manifest

1) Has the facility received hazardous waste from an off-site source since November 19, 1980?

If no, skip to 265.73 - Operating Record

2) If yes, does it appear that the facility has a copy of a manifest for each hazardous waste load received?

If no, please explain.

3) How many post-November 19 manifests does the facility have?
(Indicate if the number is large) **66**

4) Does each manifest have the following information?
(Circle missing information)

- a manifest document number? ☒
- the generator's name, mailing address, telephone number and EPA I.D. #? ☒
- the transporter's name and EPA I.D. Number? ☒
- the TSD name, address, telephone number & EPA I.D. Number? ☒
- a description of the waste (DOT)? ☒
- the total quantity of each hazardous waste by units of weight or volume, and the type and number of containers as loaded; into or onto the transport vehicle? ☒
- a certification that the materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation under regulations of the DOT and EPA? ☒

(Obtain a copy of the incomplete manifests)

265.72 - Manifest Discrepancies

Have there been significant discrepancies between the quantity and type of waste received and the waste identified on the manifest?

Describe unrecorded discrepancies.

265.73 - Operating Record

- 1) Does the facility keep an operating record? ☒
- 2) Does the record contain the following information:
 - a) Description and quantity of waste on-site and the method(s) and date(s) of its treatment, storage & disposal? ☒
 - b) The location and quantity of each hazardous waste at each location? ☒
 - c) Records and results of waste analysis and small tests performed and identified in the waste analysis plan? ☒
 - d) Summary reports and details of all incidents that require implementing the emergency plan. ☒
 - e) Records and results of inspections for the past 3 years or November 19, 1980 which ever is less? ☒
 - f) Monitoring, testing or analytical data where required for:
 - Groundwater, Land Treatment, Incinerators, and Thermal Treatment? ☒

265.76 - Unmanifested Waste Report

Has the facility accepted hazardous waste from off-site sources without a manifest?

If yes, has the facility submitted an unmanifested waste report?

40 CFR 265 Subpart F - Groundwater Monitoring

YES NO N/A

(Applies only to surface impoundments, landfills and/or land treatment facilities.)

Is a groundwater monitoring plan available at the facility?

If yes, please fill out the appropriate Groundwater Monitoring Questionnaire and attach to this report.

40 CFR 265 Subpart G - Closure and Post-Closure

265.111 Closure Performance Standard

Have any portions of the facility been closed since November 19, 1990?

If yes, please explain

265.112 - Closure Plan

Does the facility have a written closure plan?
(Applies to all types of TSD facilities)

If yes, does the written plan include:

1. A description of how and when the facility will be partially (if applicable) and ultimately closed?
2. An estimate of the maximum inventory of wastes in storage or treatment at any time during the life of the facility?
3. A description of the steps necessary to decommission facility equipment during closure?
4. A schedule for final closure including the anticipated date when waste will no longer be received and when final closure will be completed?
5. Does the owner/operator have a written estimate of the cost of closing the facility?

If yes, what is it? (\$) 2630

265.113 - Post Closure Plan

Does the facility have a written post-closure plan?
(Applies only to disposal facilities)

If yes, Does the Plan:

1. Identify the activities which will be carried on after closure and the frequency of these activities?
2. Include a description of planned groundwater monitoring activities and their frequency during post-closure?
3. Include a description of planned maintenance activities and frequency to insure integrity of final cover during post-closure?
4. Include the name, address and phone number of a person or office to contact during post-closure?
5. Does the owner/operator have a written estimate of the cost of post-closure for the facility?

If yes, what is it? (\$)

Please circle all appropriate activities and answer questions on indicated pages for all activities circled.

| <u>Storage</u> | <u>Treatment</u> | <u>Disposal</u> |
|-----------------------------|---|-----------------------------|
| <u>Container - pg 6</u> | Tank - pg 7 | Landfill - pg 11 |
| Tank, above ground - pg 7 | Surface Impoundment - pg 8 | Land Treatment - pg 10 |
| Tank, below ground - pg 7 | Incineration - pg 12 | Surface Impoundments - pg 8 |
| Surface Impoundments - pg 8 | Thermal Treatment - pg 12 | Other _____ |
| Waste Piles - pg 9 | Land Treatment - pg 10 | |
| Other _____ | Chemical, Physical and Biological Treatment - pg 13 | |
| | Other _____ | |

YES NO N/A

40 CFR 265 - Subpart C - Containers

- 1) - What type of containers are used for storage.
Describe the size, type, quantity and nature of waste
(e.g. 12 fifty-five gallon drums of waste acetone)
*55-GAL DRUMS -
SOLVENT IN METAL
CAUSTICS & ACIDS IN PLASTIC DRUMS*
- 2) - Is there a containment system for spills, leaks and precipitation?
if yes, describe. ✓
- 265.171 - Do the containers appear to be in good condition, not in danger of leaking?
if not, please describe the type, condition and number of leaking or corroded containers. Be detailed and specific. ✓
- 265.172 - Are hazardous waste stored in containers made of compatible materials?
if not, please explain. ✓
- 265.173(a) - Are all containers closed except those in use? ✓
- 265.173(b) - Do containers appear to be properly opened, handled or stored in a manner which will minimize the risk of the container rupturing or leaking? ✓
- 265.174 - Is the storage area inspected at least weekly? ✓
- 265.176 - Are containers holding ignitable and reactive waste located at least 50 feet (15 meters) away from the facility's property line? ✓
- 265.177 - Are incompatible wastes stored separate from each other?
if no, explain ✓

40 CFR 265 Subpart J - Tanks

- 265.190 1) What are the approximate number and size of tanks containing hazardous waste?
- 2) Identify the waste treated/stored in each tank.

YES NO N/A

265.192 - General Operating Requirements

- 1) Are the tanks maintained so that there is no evidence of past, present, or risk of future leaks?
- If no, please explain.

- 2) Are there leaking tanks?

- 3) Are all hazardous wastes or treatment residues being placed in tanks compatible with the tank material so that there is no danger of ruptures, corrosion, leaks or other failures?

- 4) Do uncovered tanks have at least 2 feet of freeboard or an adequate containment structure?

- 5) If waste is continuously fed into a tank, is the tank equipped with a means to stop the inflow from the tank? e.g. bypass system to a standby tank

265.194 - Inspections

- 1) Is the tank(s) inspected each operating day for
- discharge control equipment
 - monitoring equipment
 - level of waste in tank

- 2) Are the tanks and surrounding areas (e.g., dike) inspected weekly for leaks, corrosion or other failures?

- 3) Are there underground tanks?

If yes, how many and can they be entered for inspection?

- 265.198 - Are incompatible or reactive wastes stored in a manner which protects them from a source of ignition or reaction?

If no, please explain.

- 265.199 - Does it appear that incompatible wastes are being stored separate from each other?

40 CFR 265 Subpart K - Surface Impoundments

1/1 1/1 WA

Describe the design and operating features of the surface impoundment to prevent ground water contamination (e.g., liner leachate collection system).

265.220 - Give the approximate size of surface impoundments (gallons or cubic feet). Please specify the types of wastes stored and treated.

265.222 - Is there at least 2 feet of freeboard in the impoundment? _____

265.223 - Do all earthen dikes have a protective cover to preserve their structural integrity? _____

If yes, please specify the type of covering.

265.225 - 1) Is the free board level inspected daily? _____

2) Are the dikes surrounding the surface impoundment inspected for leaks, deterioration or failures inspected weekly? _____

265.229 - 1) Are any ignitable or reactive wastes placed in the impoundment? _____

2) If yes, is the waste treated immediately after placement in the impoundment to render the waste non-ignitable and/or non-reactive? _____

3) If no, to (2) explain. _____

265.230 - Are incompatible wastes placed in the impoundment? _____

If yes, explain. _____

40 CFR 265 Subpart I - Waste Piles

YES NO N/A

265.250 - How many waste piles are on-site and approximately how large are they? (Please indicate size and height and types of wastes in piles.)

265.251 - Is the waste pile protected from wind erosion?

a) Does it appear to need such protection?

b) Explain what type of protection does exist.

265.253 Containment.

1) Is leachate run-off from the waste piles a hazardous waste? If no, skip down to 265.256.

2) Is the pile placed on an impervious base?

3) Is runoff diverted away from the pile?

4) Is the leachate and run-off collected and treated?

If no to any of the above questions above then:

5) Is the pile protected from precipitation and runoff?

6) Are wastes containing free liquids placed in the pile?

265.256 - 1) Are ignitable or reactive wastes placed on the pile? If no, skip to 265.257

2) Is the ignitable or reactive waste added to existing pile resulting in it no longer meeting the definition of ignitable and reactive? If no, explain.

3) Is the waste protected from any materials or condition that may cause it to ignite or react? If no, explain.

265.257 - Does it appear that a pile of incompatible wastes is being stored separate from other wastes or materials, or protected from them by means of a dike, berm, wall or other device? If no, explain.

40 CFR 265 Subpart M - Land Treatment

R. / 11

265.270 - Identify the types of waste and the size of the land treatment area?

265.272 - General Operating Requirements

YES NO N/A

- 1) Can the facility operator demonstrate that the hazardous waste has been made less or non-hazardous by biological degradation or chemical reactions occurring in or on the soil?

— — —

Please explain how.

- 2) Is run-on diverted from the active portions of the land treatment facility?

— — —

- 3) Is run-off from the active portions of the facility collected?

— — —

If yes, is the run-off a hazardous waste?

— — —

265.276 - Food Chain Crops

- 1) Are food chain crops being grown on the facility property?

If yes, can the facility operator document that arsenic, lead and mercury:

— — —

- will not be transferred to the crop or ingested by food-chain animals or

— — —

- will not occur in greater concentrations in the crops grown on the land treatment facility than in the same crops grown on the untreated soils.

— — —

- 2) Has notification of the growing of food chain crops been made to the Regional Administrator?

— — —

265.278 - Is there a written and implemented plan for unassisted mine monitoring?

— — —

Make copy for office review.

265.279 - Are there records of the application dates, application rates, quantities and location of each hazardous waste placed at the facility?

— — —

265.281 - Is ignitable or reactive waste immediately incorporated into the soil so that the resulting waste no longer meets that definition?

— — —

If not, please explain.

265.282 - Are incompatible waste placed in separate land treatment areas?

— — —

If not, please explain.

265.300 - Identify the types of waste and size of the landfill.

265.302 - General Operating Requirements

- 1) Is run-on diverted away from the active portions of the landfill?
- 2) Is run-off from active portions of the landfill collected?
- 3) Is waste which is subject to wind dispersal controlled?

Please explain how.

265.309 - Does the owner/operator maintain a map with:

- 1) The exact location and dimensions of each cell?
- 2) The contents of each cell and approximate location of each hazardous waste type?

265.312 - Is ignitable or reactive waste treated so that it is not ignitable or reactive before being placed in the landfill?

Explain how you know.

265.313 - Are precautions taken to ensure that incompatible waste are not placed in the same landfill cell?

If no, please explain.

265.314 Special Requirements for Liquid Waste

- 1) Are bulk or non-containerized wastes containing free liquids placed in the landfill?

If yes,

a) Does the landfill have a liner which is chemically and physically resistant to the added liquid? or

b) Is the waste treated and stabilized so that free liquids are no longer present?

- 2) Are containers holding liquid waste or waste containing free liquids placed in the landfill?

Please describe the types and contents of such containers placed in the landfill.

265.315 - Are empty containers placed in the landfill crushed flat, shredded or similarly reduced in volume before they are buried?

265.316 - Are small containers of hazardous waste in overpacked drums placed in the landfill?

If yes, please describe precautions taken to prevent the release of the waste.

1) What type of incinerator or thermal treatment is at the site
(e.g. catalytic incinerator, boiler, fluidized bed, etc.)

2) List the types and quantities of HW incinerated or thermally treated.

3) Is the residue from the incinerator thermal treatment unit a hazardous waste?

4) What types of air pollution control devices (if any) are installed in the incinerator/or thermal treatment unit?

5) Is energy recovered from the process?
If yes, describe.

6) What is the destruction and removal efficiency for the organic hazardous waste constituents?

265.342 - Does the operating record include additional analysis
and to determine types of pollutants which might be emitted including:
265.375

- heating value of the waste?

- halogen and sulfur content?

- concentrations of lead and mercury?

If no to any of the above questions is there justification and documentation?

265.345 - If operating, does it appear the incinerator/or thermal
and treatment unit is operating at steady state for con-
265.373 ditions of operation, including temperature and air flow?

265.347 - Instrumentation and Inspection
and

265.377 1) Are existing instruments relating to combustion
and emission controls monitored every 15 minutes?

If no, explain.

2) Does the incinerator/thermal treatment have all the
following instruments for measuring: verified,
auxiliary fuel fuel air flow, incinerator temperature
scrubber flow, and scrubber pH? (Circle missing
instruments)

If no, explain.

3) Is the stack plume observed visually at least
hourly for opacity and color?

4) Are there any signs of leaks, spill and fugitive
emissions associated with the pumps, valves,
conveyors, pipes etc? If yes, describe.

5) Are all emergency shutdown controls and system
alarms checked to assure proper operation?

6) Is there any reason to believe the incinerator
is being operated improperly? i.e., steady state
conditions are not maintained.
If yes, explain.

| | <u>YES</u> | <u>NO</u> | <u>N/A</u> |
|--|------------|-----------|------------|
| 265.361 Is there open burning of hazardous wastes? | --- | --- | --- |
| a) If yes, what is being burned? (Only burning or detonation of explosives is permitted) | | | |
| b) If open burning or detonation of explosives is taking place approximately what is the distance from the open burning or detonation to the property of others? | | | |

40 CFR 265 Subpart C - Chemical, Physical and Biological Treatment
(Other than in tanks, surface impoundments or land treatment facilities)

1) Describe the treatment system at this facility and the types of wastes treated.

265.401 - Does the treatment process system show any signs of ruptures, leaks or corrosion?

--- --

If yes, describe.

265.402 - Is there a means to stop the inflow of continuously-fed hazardous wastes?

--- --

265.403 - Temperature

1) Is the discharge control safety equipment (e.g. waste feed cut-off systems, by-pass systems, drainage systems and pressure relief systems) in good working order?

--- --

Are they inspected at least once each operating day?

--- --

2) Does the data gathered from the monitoring equipment (e.g., pressure and temperature gauges) show treatment process is operating according to design?

--- --

Is data gathered at least once each operating day?

--- --

3) Are construction materials of the treatment process inspected at least weekly to detect corrosion or leaking of dikes and seams?

--- --

4) Are the discharge confinement structures, (e.g. dikes) immediately surrounding the treatment unit inspected at least weekly to detect erosion or obvious signs of leakage (e.g. wet spots or dead vegetation)?

--- --

265.405 - Are ignitable or reactive waste fed into the waste treatment system treated or protected from any material or conditions which may cause it to ignite or react?

--- --

If yes, explain how.

265.406 - Are the incompatible wastes placed in the same treatment process?

--- --

If yes, please explain.

GENERATOR DISPOSITION CHECKLIST

40 CFR 262 Subpart A-General262.11 - Hazardous waste determination

YES NO N/A

- 1) Did the generator test its waste to determine whether it is hazardous? *TEST DONE BY HAZLETT TSD FACILITY*
- Is the waste hazardous? *YES*
- 2) Is the generator determining that its waste exhibits a hazardous waste characteristic(s) based on its knowledge of the material(s) or processes used? *BASED ON ANALYSIS*

YES *NO* *N/A*

YES *NO* *N/A*

YES *NO* *N/A*

40 CFR 262 Subpart B-The Manifest

Has hazardous waste been shipped off-site since November 19, 1980?

YES *NO* *N/A*

If yes, approximately how many shipments, off-site, have been made and describe the approximate size of an average shipment made on a monthly basis. If facility is a small quantity generator, please explain.

60 shipments

262.21 Does each manifest (or representative sample) have the following information? Please circle the missing elements.

- a manifest document number? *YES*
- the generator's name, mailing address, telephone number and EPA I.D. Number? *YES*
- the transporter's name and EPA I.D. Number? *YES*
- the name, address and EPA ID Number of the designated facility? *YES*
- a description of the wastes (DOT)? *YES*
- the total quantity of each hazardous waste by units of weight or volume, and the type and number of containers as loaded into or onto the transport vehicle? *YES*
- a certification that the materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation under regulations of the DOT and EPA? *YES*

YES *NO* *N/A*

YES *NO* *N/A*

YES *NO* *N/A*

YES *NO* *N/A*

YES *NO* *N/A*

YES *NO* *N/A*

YES *NO* *N/A*

(attach a copy of the incomplete manifests)

40 CFR 262 - Subpart C - Recordkeeping and Reporting

262.40 Has the generator maintained facility records since Nov. 19, 1980? (manifest, exemption report and waste analysis)

YES *NO* *N/A*

262.42 Has the generator received signed copies (from the TSD facility) of all the manifests for waste shipped off-site more than 15 days ago?

YES *NO* *N/A*

If not, have Exemption Reports been submitted to EPA covering any of these shipments made more than 45 days ago?

YES *NO* *N/A*

40 CFR 162 - Subpart C - Transportation Requirements

TSD NO N/A

262.10-13 Before transporting or offering hazardous waste for transportation off-site does the generator:

- 1) Package the waste in accordance with applicable DOT regulations (i.e., 49 CFR Parts 173, 176 & 179) ☒
- 2) Label each package according to DOT (i.e., 49 CFR 172) ☒
- 3) Mark each package according to DOT (i.e., 49 CFR 172) ☒
- 4) Mark each container of 120 gallons or less with the words "Hazardous Waste - Federal Law Prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. EPA," and include the generator's name, address and manifest document number. (i.e., 49 CFR 173.304) ☒

262.34 Accumulation Time

1) How is waste accumulated on-site?

- ☒ Containers
- ☐ Pails
- ☐ Surface impoundments (complete SWF checklist)
- ☐ Piles (complete SWF checklist)

2) Is waste accumulated for more than 90 days?

If yes, complete SWF checklist

3) Is each container clearly dated with each period of accumulation so as to be visible for inspection?

4) Is each container or tank marked or labeled with the words "Hazardous Waste" or in compliance with the DOT labeling requirements?

STOP HERE IF THE HAZARDOUS WASTE MGT FACILITY (TSD) CHECKLIST IS FILLED OUT

47-15-14(5/81)

RCRA GENERATOR INSPECTION FORM

599

COMPANY NAME: Fairchild Weston Systems Inc.

EPA I.D. NUMBER: NYD061956470

COMPANY ADDRESS: 300 Rabbits Lane
Syosset NY

COMPANY CONTACT OR OFFICIAL:
Rudy Underwood

INSPECTOR'S NAME: Vere Austin

TITLE: Director, Plant Services.

BRANCH/ORGANIZATION: NYSDEC
Reg I Stony Brook

CHECK IF FACILITY IS ALSO A TSD FACILITY ☐

DATE OF INSPECTION: 8/12/81

YES NO

DON'T
KNOW

(1) Is there reason to believe that the facility has hazardous waste on site?

a. If yes, what leads you to believe it is hazardous waste?
Check appropriate box:

☐ Company admits that its waste is hazardous during the inspection.

☒ Company admitted the waste is hazardous in its RCRA notification and/or Part A Permit Application.

☐ The waste material is listed in the regulations as a hazardous waste from a nonspecific source (§261.31)

☐ The waste material is listed in the regulations as a hazardous waste from a specific source (§261.32)

☐ The material or product is listed in the regulations as a discarded commercial chemical product (§261.33)

☐ EPA testing has shown characteristics of ignitability, corrosivity, reactivity or extraction procedure toxicity, or has revealed hazardous constituents (please attach analysis report)

☐ Company is unsure but there is reason to believe that waste materials are hazardous. (Explain)

PERMITS ADMIN. BRANCH
RECORDS
OCT 27 9 49 AM '81
ENVIRONMENTAL PROTECTION
AGENCY
NEW YORK, N.Y. 10001

YESNODC
KX

c. Does each manifest (or a representative sample) have the following information?

- a manifest document number
- the generator's name, mailing address, telephone number, and EPA identification number
- the name, and EPA identification number of each transporter
- the name, address and EPA identification number of the designated facility and an alternate facility, if any:
- a description of the wastes (DOT)
- the total quantity of each hazardous waste by units of weight or volume, and the type and number of containers as loaded into or onto the transport vehicle
- a certification that the materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation under regulations of the Department of Transportation and the EPA

✓——✓——✓——✓——✓——✓——✓——

(5) Were there any hazardous wastes stored on site at the time of the inspection?

✓——

a. If "yes," do they appear properly packaged (if in containers) or, if in tanks, are the tanks secure?

✓——

b. If not properly packaged or in secure tanks, please explain.

c. Are containers clearly marked and labelled?

✓——

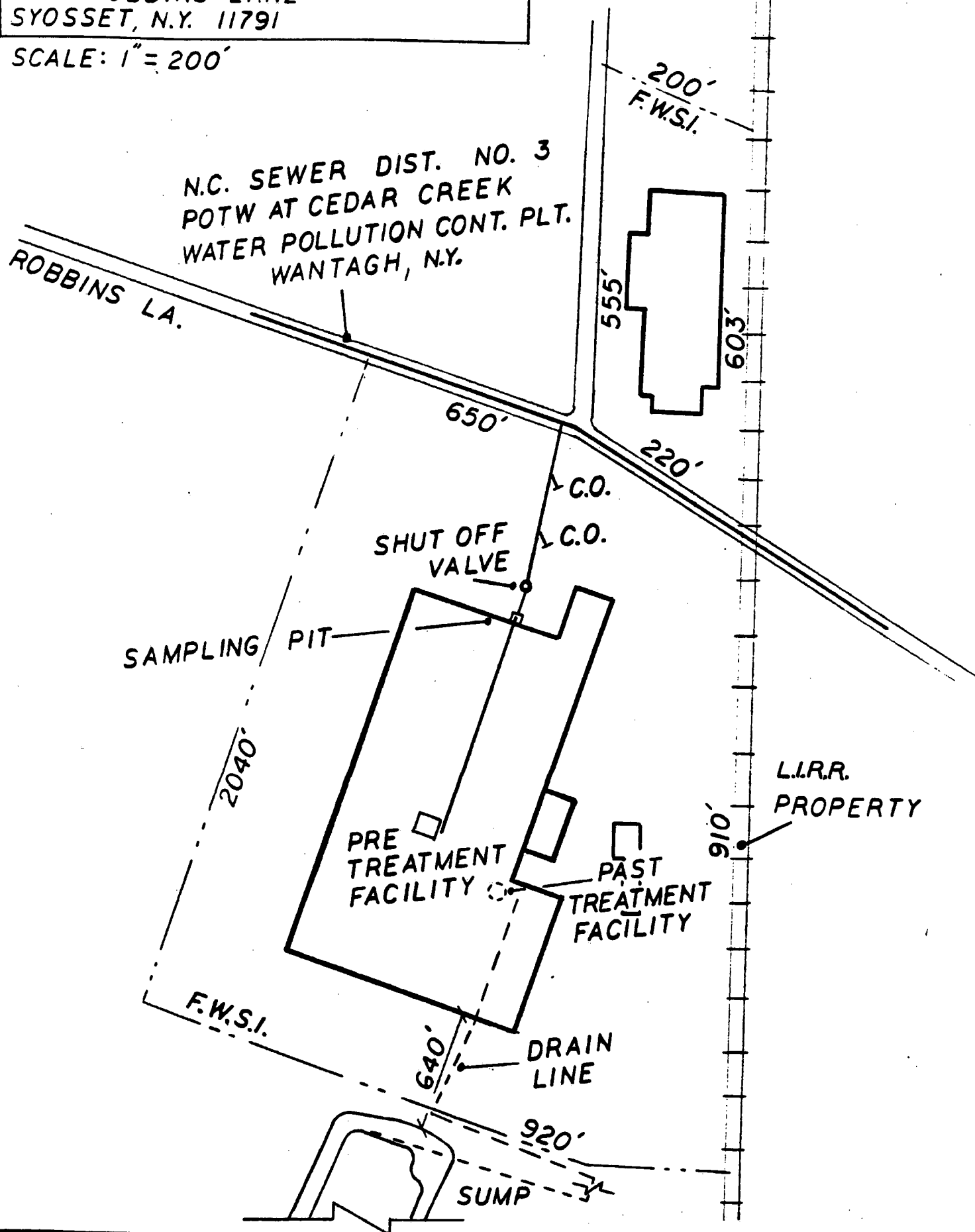
d. Do any containers appear to be leaking?

—✓—

e. If "yes," approximately how many?

FAIRCHILD WESTON SYSTEMS INC.
300 ROBBINS LANE
SYOSSET, N.Y. 11791

SCALE: 1" = 200'



ENVIRONMENTAL
HEALTH
Continuation Sheet
Nassau County Health Department

Owner or
Agent :
Address:

Inspector

DATE

COMMENTS

TO: Files
FROM: Joseph Schechter
SUBJECT: INSPECTION OF FAIRCHILD CAMERA +
INSTRUMENT CORPORATION: SPDES NY0076155

ON 7/28/78 AN INSPECTION OF FAIRCHILD CAMERA
AND INSTRUMENT CORPORATION'S WASTE TREATMENT
SYSTEM + ASSOCIATED PROCESSES WAS CONDUCTED
BY THIS OFFICE AT THEIR REQUEST. REPRESENTING
FAIRCHILD CAM. + INST. CORP. WERE:

Rudy Underwood

TOM Green, Plant Engineer

John Sredniawski, Chemist

The inspection included the metallurgical room
(plating area), printed circuit area, chemistry lab
and treatment area. Fairchild is in the process of
moving the chemistry lab + plating area.

① The metallurgical process involves the chrome plating
of ~~chromium~~ ^(AL) metals in the following manner

1. Degreasing - 1,1,1 trichloroethane - NO DISCHARGE
2. NaOH bath - NO DISCHARGE
3. Water rinse - DISCHARGE TO DRAIN
4. HNO₃ bath (etching) - NO DISCHARGE
5. WATER RINSE - DISCHARGE TO DRAIN

ENVIRONMENTAL
HEALTH

Continuation Sheet

Nassau County Health Department

Owner or
Agent :

Address:

Inspector

DATE

COMMENTS

6. ALODINE ($\text{Cr}^{+6} + \text{HNO}_3$) } CLOSED LOOP - NO DISCHARGE
7. WATER RINSE } CULLIGAN ION EXCHANGE SYSTEM

water rinses 3 + 5 discharge through the floor drain to a sump + then is pumped to the treatment tanks.

② the printed circuit room contains several processes in the preparation of printed circuit boards. All SINKS, ^{RINSE TANKS} and floor drains are connected to the treatment tanks via a sump + pump.

The process of cleaning copper circuits + preparing circuit boards for the deposition of copper involve the use of several chemicals whose composition is unknown. The proprietary nature of these chemicals, according to the manufacturers, will be disclosed upon a request of this office. Mr. Underwood agreed to request this information.

Preparation of circuit boards for deposition of copper involves the following steps:

1. Al chelate ^{bath} followed by a rinse
2. Ammonium persulfate ^{bath} followed by a rinse
3. H_2SO_4 ^{bath} + rinse
4. HCl bath
5. Catalyst GF (Shipley) bath - 2 rinses

ENVIRONMENTAL
HEALTH
Continuation Sheet
Nassau County Health Department

Owner or
Agent :
Address:

Inspector

DATE

COMMENTS

see 3-D
File

6. Shipley Accelerator 19 followed by a rinse
7. Shipley Copper Mix 32B followed by a rinse
8. 37% H_2SO_4

Other processes include the use of lead + copper
fluoroborate baths + rinses, fluoroboric acid,
Copper Brite + Metex chemicals.

IT is Likely That some if not all ~~of the~~ ^{of the} PRODUCTS in
use in the P.C. area find their way to the Treatment
room, either through spillage + subsequent ~~washing~~
disposal down the floor drains, rinses performed
in Lab sinks or through drainage of rinse tanks.
~~bath~~

- (3) The Treatment room contains two 10000 gallon
cement tanks to which all liquid waste is
discharged. After Treatment a sump pump discharges
the waste to a recharge basin. At the
present time, a cooling water tower is under
construction to eliminate noncontact cooling
water from being discharged to the recharge basin
also.

Chemical Tests are conducted on samples
taken from the Treatment tanks prior to
discharge. Discharge occurs twice a day -

ENVIRONMENTAL
HEALTH

Continuation Sheet

Nassau County Health Department

Owner or
Agent :

Address:

Inspector

DATE

COMMENTS

Colorimetric Tests are performed on samples to determine the level of contaminants.

The present testing methods are inadequate in that they do not meet the standard analytical methods of analysis as required by the SPDES permit.

Examination of flow rate records indicated a higher level than could be expected for the processes conducted in the plating area & P.C. room. Inspection showed flow rates higher in summer months than in winter.

T. Green was so advised. He stated that the inconsistency had been noted. It was his opinion that an air conditioning unit was connected to the treatment tanks and suspects the unit in the chemistry laboratory. This will be examined during the upcoming move.

- ④ Chemical wastes in the chemistry laboratory, as well as other waste chemicals produced in processing P.C. boards, are removed by Chemical Waste Disposal Corporation - Astoria, Oregon, a licensed industrial waste scavenger.

ENVIRONMENTAL
HEALTH

Continuation Sheet

Nassau County Health Department

Owner or

Agent :

Address:

Inspector

DATE

C O M M E N T S

T. Green, R. Underwood & J. Sredniawski were notified of the following:

① Methods of chemical analysis of waste effluent inadequate - provide proper equipment & methods for analysis or contract a testing laboratory.

② The chemical composition of waste effluents is not reflected in SPDES permit waste characteristics

a) Analysis required to determine waste characteristics

b) Proprietary nature of chemicals in use is to be provided to this office

c) Permit is to be modified to reflect new waste characteristics

③ Corrosive inhibitors in use in 2 steam boilers ~~are~~ represent a waste effluent:

a) Chemical nature of inhibitors to be provided to this office

b) Permit to be modified to include new outfall & note two wash downs per day

④ Chemical nature of waste in photographic lab to be provided to this office

ENVIRONMENTAL
HEALTH
Continuation Sheet
Nassau County Health Department

Owner or
Agent :
Address:

Inspector

DATE

COMMENTS

Use of closed loops + ion exchange columns was discussed with the purpose of limiting or eliminating waste discharge. Mr. Green indicated an engineering firm would be contacted to investigate this matter.

Mr. Green agreed to notify this office of all information requested.

Joseph Schuchter

10

Date of Inspection: 2-17-77
Date(s) of Previous Inspection(s): *Don Welsh*
Previous Inspector(s): *John Welsh*
Receiving Waters: *Ground Water*
W.Q. Classification: *GA*
Weather Condition: *Clear-Cold*

Company Representative(s), Title (s): ,

Peter Battaglin Chemist
Number of Discharges Reported: *001*

Number of Discharges Observed:

Action Taken or Planned on Unreported Discharges:

(1) PROCESS

- (a) Industrial Process: *manufacturer of Cameras* -
(b) Reported Production:
(c) Current Production
(d) Rated Production:
(e) Raw Materials Used:
(f) What process modification, expansions, etc. have been made that would either increase or decrease raw waste loads, water usage, etc. that have not been previously reported:
- (g) Industrial process flow diagram indicating wastewater sources (attach copy if on file and verify with company):
- (h) Continuity of Operation: * Batch Semi-Continuous
Continuous

(2) EFFLUENT LIMITATIONS VIOLATIONS (Based upon Self-Monitoring Data)

| <u>Discharge No.</u> | <u>Parameter</u> | <u>Permit Limitation</u> | <u>Reported Discharge</u> | <u>Date/Period of Violation</u> |
|--------------------------|------------------|------------------------------|-------------------------------|-------------------------------------|
|--------------------------|------------------|------------------------------|-------------------------------|-------------------------------------|

None.

92-15-1 (7/75)

(2.1) EFFLUENT DISCHARGE NO. 001

- (a) Wastewater Flow:
 (b) Measuring Device used for Flow: *TANK CAPACITY*
 (c) Wastewater Characteristics: *CLEAR*
 (d) Type of treatment units and treatment sequence sketch (attach copy if on file and verify with company): *yes*

- (e) Appearance of Effluent(s):
- | | | | |
|----------------------|-------------|-------------|-------------|
| (1) visible oil | <i>None</i> | (5) color | <i>None</i> |
| (2) foam | <i>None</i> | (6) Temper- | |
| (3) floating solids | <i>None</i> | ature | |
| (4) Suspended Solids | <i>None</i> | (7) Odor | |
| | | (8) other | |
- (f) Appearance of Receiving waters: *NA.*
- | | | | |
|---------------------|--|-------------|--|
| (1) visible oil | | (6) color | |
| (2) foam | | (7) temper- | |
| (3) floating solids | | ature | |
| (4) turbidity | | (8) odor | |
| (5) sludge deposits | | (9) other | |

(2.2) EFFLUENT DISCHARGE NO.

Picture Taken:

- (a) Wastewater Flow:
 (b) Measuring Device used for Flow:
 (c) Wastewater Characteristics:
 (d) Type of treatment units and treatment sequence sketch (attach copy if on file and verify with company):

- (e) Appearance of Effluent(s):
- | | | | |
|----------------------|--|-------------|--|
| (1) visible oil | | (5) color | |
| (2) foam | | (6) temper- | |
| (3) floating solids | | ature | |
| (4) suspended solids | | (7) odor | |
| | | (8) other | |
- (f) Appearance of Receiving waters:
- | | | | |
|---------------------|--|-------------|--|
| (1) visible oil | | (6) color | |
| (2) foam | | (7) temper- | |
| (3) floating solids | | ature | |
| (4) turbidity | | (8) odor | |
| (5) sludge deposits | | (9) other | |

(2.3) EFFLUENT DISCHARGE NO.

- (a) Wastewater Flow:
 (b) Measuring Device used for Flow:
 (c) Wastewater Characteristics:
 (d) Type of treatment units and treatment sequence sketch (attach copy if on file and verify with company):

- (e) Appearance of Effluent(s):
- | | | | |
|----------------------|--|-------------|--|
| (1) visible oil | | (5) color | |
| (2) foam | | (6) temper- | |
| (3) floating solids | | ature | |
| (4) suspended solids | | (7) odor | |
| | | (8) other | |
- (f) Appearance of Receiving waters:
- | | | | |
|---------------------|--|-------------|--|
| (1) visible oil | | (6) color | |
| (2) foam | | (7) temper- | |
| (3) floating solids | | ature | |
| (4) turbidity | | (8) odor | |
| (5) sludge deposits | | (9) other | |

(3) COMPLIANCE

- (a) Is company complying with schedule of compliance? *NA*
- (b) What is the current projection of the company regarding compliance with future dates in Compliance Schedule?
- (c) Is company complying with any additional compliance requirements such as a special report submittal to the proper regulatory agency?
- (d) Has company notified the proper regulatory agency of any non-compliance with permit conditions?
- *(e) Has company requested modification of any permit conditions other than permit sampling schedules?
- *(f) Are any modifications appropriate?

(4) SELF-MONITORING PROGRAM

- (a) Does quantity of reported self-monitoring data and signing official comply with requirements of permit? *yes*
- (b) What is the apparent quality of plant records that are required under the conditions of the permit? *good*
- (c) If net values are applicable, is the surface water intake sampled and analyzed? *NA*
- (d) Is there any additional monitoring being performed by the plant that has not been reported? *No* If yes, what parameters and frequency is involved and what conclusions can be drawn from data?
- (e) Do sampling locations appear to be adequate to obtain representative samples? *yes*
- (f) Has company identified effluent sampling point used for each discharge pipe by providing a sketch of flow diagram?
yes
- (g) How frequently and accurately is continuous monitoring equipment calibrated, and how well is the equipment maintained?

- (h) In your judgement, do sampling procedures, frequency and type of sample typify plant's daily discharge (i.e. are maximum production periods, batch discharges, etc. reflected in monitoring data)? *yes*.
- (i) Does plant perform its own analysis? *yes*
If not, what laboratory is analysis contracted to?
If yes, what is the appearance of plant's laboratory? *good*.
- (j) Do all sampling and analytical methods conform to the guidelines published pursuant to Section 304(g) of 1972 FWPCA? *yes*.
- (k) Has plant requested modification to permit sampling schedules?
No
- (l) Are modifications appropriated?
No

MISCELLANEOUS

- (a) Did the permit application truly represent conditions at the plant site? *yes*
- (b) Are any of the following toxic pollutants or compounds containing them, being discharged that would require modification of the permit: No _____ Yes _____ (Check those Applicable)

| | | | |
|-----------|-------|---------------------------|-------|
| Aldrin | _____ | DDE | _____ |
| Dieldren | _____ | DDT | _____ |
| Benzidine | _____ | Endrin | _____ |
| Cadmium | _____ | Mercury | _____ |
| Cyanide | _____ | Polychlorinated biphenyls | _____ |
| DDD (TDE) | _____ | Toxaphene | _____ |

If yes, what modifications are necessary?

- (c) Is sludge being generated at plant? *yes*
If yes, is plant reporting on its disposal?
If sludge disposal is at plant site, is there any visual evidence or hazards associated with entry of pollutants into surface or ground waters?
If not at plant, where is the disposal site, and is it acceptable to regulatory agencies?
- (d) What is the appearance of plant grounds? *good*.

- (e) Is there any discharge of unreported contaminated storm runoff?
No
- (f) Is the treatment system maintained in good working order and operated efficiently? *yes*
- (g) What alternate power supply provisions exist for waste treatment facilities? *None*
If none, what happens to the wastewater when there is a power failure?
- (h) Have all bypasses of waste treatment facilities been eliminated? *yes*
If not, why? If not, is flow monitoring installed in bypass?
- (i) Are there any obvious air emission, noise, radiation, pesticides, or solid wastes problems at the plant? *No*
What are they? *No*
If yes, send copy of this report to the appropriate personnel.
- (j) Does plant require a Spill Prevention Control Countermeasure Plan?
NOTE: SPCC plan is required if the permittee stores more than;
1. 1,320 gallons of oil above ground;
2. 660 gallons of oil in a single container above ground;
3. 42,000 gallons of oil underground.
If so, is the plant approved by a licensed P.E.?

SUMMARY AND RECOMMENDATIONSViolations and/or ProblemsRecommended ActionComments

Plant well operated, good records.

Plating facilities will be reduced in size - with waste water quantity being reduced. Cooling water will be recirculated. All will be done during this year.

Inspector Signature: John F. WelschName: John F. WelschTitle: Supervisor Ind. WasteDate: Feb 17, 1977

INDUSTRIAL CHEMICAL SURVEY PART I

| | | | | | |
|--|--|--|--------------------|--|--|
| FIRM NAME <i>Fairchild Space Defense</i> | | SIC CODE (if known) | | OFFICE USE ONLY | |
| COMPANY MAILING ADDRESS <i>300 Robbing LA</i> | | CITY <i>Syosset</i> | STATE <i>NY</i> | ZIP CODE <i>11791</i> | |
| CONTACT NAME (if different) | | CONTACT NAME <i>Jules HEMFT</i> | | TELEPHONE Area <i>516</i> <i>W-1-4522</i> | |
| STREET ADDRESS (if different) | | CITY | STATE | ZIP CODE | |
| PRINCIPAL BUSINESS OF PLANT <i>Manufacture of Cameras</i> | | Number of Employees at this Facility <i>500</i> | | | |

(If parent company, give name and addresses of all divisions, subsidiaries, etc. located in New York State. A separate questionnaire is to be completed and submitted for each.)

PART II Discharge Information

| | | | | | | | | | | | | | | | | | |
|---|---|-------|----------|--|--|---------|------|-------|----------|------|--|--|--|---------|------|-------|----------|
| 1. Does your plant discharge liquid wastes to a municipally owned sanitary sewer system? Name of System _____ | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | |
| 2. Is your facility permitted to discharge liquid wastes under a State (SPDES) or Federal (NPDES) permit? Permit Number <i>0076155</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | |
| 3. Do you discharge liquid wastes in any other manner? Explain _____ | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | |
| If any of the above are "Yes": | | | | | | | | | | | | | | | | | |
| a. Do you discharge process or chemical wastes - (i.e. water used in manufacturing including direct contact cooling water and scrubber water)? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | |
| b. Do you discharge non-contact cooling water? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | |
| c. Do you discharge collected storm drainage only? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | |
| d. Do you discharge sanitary wastes only? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | |
| 1. Does your facility have sources of possible emissions to the atmosphere? | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | |
| 2. Enter Location and Facility Code as shown on your Air Pollution Control Application for Permits and Certification (If applicable) | <table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| 1. List Name and Address of Firm (including yourself) removing wastes other than office and cafeteria refuse. | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name</td> <td colspan="3"> </td> </tr> <tr> <td>Address</td> <td>City</td> <td>State</td> <td>Zip Code</td> </tr> <tr> <td>Name</td> <td colspan="3"> </td> </tr> <tr> <td>Address</td> <td>City</td> <td>State</td> <td>Zip Code</td> </tr> </table> | | Name | | | | Address | City | State | Zip Code | Name | | | | Address | City | State | Zip Code |
| Name | | | | | | | | | | | | | | | | | |
| Address | City | State | Zip Code | | | | | | | | | | | | | | |
| Name | | | | | | | | | | | | | | | | | |
| Address | City | State | Zip Code | | | | | | | | | | | | | | |
| 2. List Location(s) of Landfill(s) owned and used by your facility. | | | | | | | | | | | | | | | | | |
| 1 | <table border="1"><tr><td> </td></tr></table> | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| 2 | <table border="1"><tr><td> </td></tr></table> | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| 1. Does this facility: | | | | | | | | | | | | | | | | | |
| Manufacture Pesticides or Pesticide Product Ingredients? | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | |
| Produce Pesticides or Pesticide Product Ingredients? | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | |
| Formulate Pesticides? | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | |
| Repackage Pesticides? | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | |
| 2. EPA Establishment Number | | | | | | | | | | | | | | | | | |



SPACE AND DEFENSE SYSTEMS
A DIVISION OF FAIRCHILD CAMERA
AND INSTRUMENT CORPORATION

300 ROBBINS LANE, SYOSSET, L.I., NEW YORK 11791 • 516 WE 1 4500 • TWX 510 221-1836 • CABLE FAIRCAM SYOSSET NEW YORK

September 9, 1977

Mr. A. Yerman
N.Y.S. Dept. of Environmental Conservation
Regional Office No. 1
Bldg. #40-SUNY
Stony Brook, N.Y. 11794

Dear Sir:

With regard to our S.P.D.E.S. Industrial Discharge permit #NY-0076155, we are hereby requesting that the following elements be removed from the list of final effluent limitations:

- a) cadmium
- b) nickel

This request is being made because of the shut-down and removal of our plating facility which was accomplished on July 29 of this year. This facility was the only source of the above elements that had been feeding into our effluent control system.

Unless we hear otherwise from you, all following S.P.D.E.S. Industrial Discharge Monitoring Reports will no longer contain these elements.

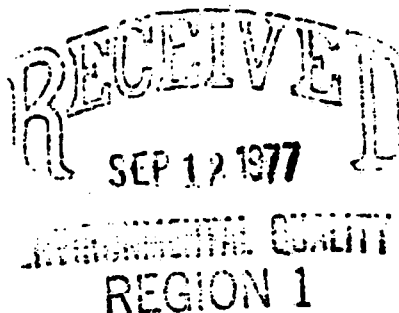
Very truly yours,

J. Hanft
Engineering Support Manager

gz-

cc: P. Battaglia
R. Underwood
G. Walsh
S. Winston

cc: J. Welch 9/16



FAIRCHILD

SPACE AND DEFENSE SYSTEMS
A DIVISION OF FAIRCHILD CAMERA
AND INSTRUMENT CORPORATION

300 ROBBINS LANE, SYOSSET, L. I., NEW YORK 11791 • 516 WE 1-4500 • TWX 510 221-1836 • CABLE FAIRCAM SYOSSET NEW YORK

September 9, 1977

Mr. John J. Welsch
Nassau County Dept. of Health
240 Old Country Road
Mineola, N.Y. 11501

Dear Sir:

With regard to our S.P.D.E.S. Industrial Discharge permit #NY-0076155, we are hereby requesting that the following elements be removed from the list of final effluent limitations:

- a) cadmium
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Unless we hear otherwise from you, all following S.P.D.E.S. Industrial Discharge Monitoring Reports will no longer contain these elements.

Very truly yours,



J. Hanft
Engineering Support Manager

gz-

cc: P. Battaglia
R. Underwood
G. Walsh
S. Winston

NUS CORPORATION

TELECON NOTE

CONTROL NO:

02-8707-07

DATE:

7/24/87

TIME:

1404

DISTRIBUTION:

Fairchild Instrument Corporation

BETWEEN:

Clerk

OF: Broad of Elections
SYOSSET (Nassau, N.Y.)

PHONE:

(516) 535-2411

AND:

W. Schnitzerling

(NUS)

DISCUSSION:

Congressional District

SYOSSET 4th District

ACTION ITEMS:

NUS CORPORATION

TELECON NOTE

CONTROL NO:

02-8707-07

DATE:

7/19/87

TIME:

1:30

DISTRIBUTION:

Fairchild Instrument Corp

1 of 2

BETWEEN:

INNA Aracovich

OF: Nassau County
Chief
Sanitary & Industrial Engineer

PHONE:

(516) 679-2156

AND:

W Schnitzerling

(NUS)

DISCUSSION:

Fairchild Instrument Corp ^{discharger is} operates under an industrial discharge permit (Industrial permit # 25)

Ms Aracovich had the permit on her desk, it was renewed June 22, 1987.

There are Hazardous Wastes on site, but according to Ms Aracovich they are managed ~~wrong~~ correctly. They are stored (temporarily) on site for 90 days and then are hauled off site by EPA approved waste haulers. The wastes are stored in an approved (By Nassau County and EPA) storage area. The drummed wastes are not treated, they are just stored and hauled. Ms Aracovich was not sure ~~Monitoring~~ of the amount of wastes on site but she said there is never more than a few drums.

Monitoring - last year Fairchild was monitored monthly, this year they are to be monitored quarterly and semiannually. (They are monitored by the Nassau County Division of Environmental Health)

ACTION ITEMS:

Since Ms Aracovich has been in this position (since 1983) Fairchild has never been out of compliance with any of these waste discharges. They are a very responsible company. There has never been any chemical waste problems here (NO spills, leaks or out of compliance discharges).

Fairchild works ON ~~green~~ circuit boards but does NOT manufacture. They are brought into the company & modified:

NUS CORPORATION

TELECON NOTE

CONTROL NO:

02-5707-07

DATE:

7/29/87

TIME:

1630

DISTRIBUTION:

Fairchild Instrument Corp
2 of 2

BETWEEN:

INNA 2nd AronovichOF: Nassau County
Chief

Sanitary + Industrial Engineer

PHONE:

1 (516) 679-2186

AND:

W Schnitzerling

(NUS)

DISCUSSION:

- electronic assembly, photo processing, machine assembly
and electron component assembly are processes of Fairchild.
Fairchild pretreats their waste - the wastewater is monitored
and discharged to the Cedar Creek WWTP. The Flocculate (Sludge)
is drummed and temporarily stored on site. It is hauled
off site by EPA approved contractors.

ACTION ITEMS:

NUS CORPORATION

TELECON NOTE

CONTROL NO:

02-8707-07

DATE:

07/24/87

TIME:

1330

DISTRIBUTION:

Fairchild Instrument Corporation

BETWEEN:

Howard Schaffer

OF: Division of
Environmental Health
(Nassau County)

PHONE:

1 (516) 535 3690

AND:

W Schatzerling

(NUS)

DISCUSSION:

Fairchild is in the process of attaining an Article 11 Permit from the Nassau County Division of Environmental Health. This permit would allow storage (temporary) of waste on Fairchild's property. The Article 11 permit is similar to the NIDEC's part 360 permit. The county is assuming more responsibility in managing, monitoring and permitting waste generators, disposers, storers or treaters. The Article 11 is (~~new~~) is a strict permit with lower discharges than the state permits.

At one time Fairchild had a NYSDES permit but that has been deleted because Nassau county has taken over the monitoring/permitting responsibilities.

Fairchild has eliminated their process discharges. Waste is pretreated on site, then discharged in the sewer lines to the Cedar Creek WWTP. Residue waste from the pretreatment waste is drummed and shipped off site every 90 days. Only noncontact cooling water is

ACTION ITEMS:

directly discharged into the sewer system. The Cedar Creek WWTP receives a combined flow from Fairchild, which consists of stormwater drainage, pretreated wastewater and noncontact cooling water.

Mr. H. Schaffer knows of no problems at this site. They ^{have} a clean, well managed treatment system. Any hazardous wastes generated by the pretreatment system are properly drummed, stored and transported off-site. Fairchild has never been out of compliance with their discharge permits.

NUS CORPORATION

TELECON NOTE

CONTROL NO:

02-8707-01

DATE:

7/29/57

TIME:

1430

DISTRIBUTION:

Fairchild Instrument Corp

BETWEEN:

Walt Loveridge

OF: NY DEC - NYSPDES

DIVISION

Albany, NY

PHONE:

1 (518) 457-1007

AND:

W Schotzerling

(NUS)

DISCUSSION:

General Information on NYSPDES permits.

The permits are ^{renewed} ~~issued~~ every five years. Inspection times vary between every year and up to five years, depending on the type of Industry Monitored.

The monitoring/sampling requirements vary with the specific industry in question.

Both industrial and sanitary discharges are covered both NYSPDES, again discharge permits are site specific.

(Hazardous and nonhazardous waste is covered under NYSPDES

ACTION ITEMS:

NUS CORPORATION

TELECON NOTE

CONTROL NO:

02-8707-07

DATE:

7/30/87

TIME:

1114

DISTRIBUTION:

Fairchild Instrument Corporation

BETWEEN:

Len Martling

OF:

Jericho Water District
Supervisor

PHONE:

1 (516) 921-8280

AND:

W Schnitzerling

(NUS)

DISCUSSION:

Drinking Water

The Jericho Water District supplies Syosset with drinking water. The water is drawn from the Magothy Aquifer. This company services over 64,500 people. Water is taken by over 20 wells in the (Jericho District³) Syosset area. The water is then mixed in the distribution lines and used as needed.

Mr Martling believes that there are no private wells in Syosset. He also said surface water is not used for drinking water in Long Island.

ACTION ITEMS:

NUS CORPORATION

TELECON NOTE

CONTROL NO:

02 5707

DATE:

7/30/87

TIME:

1000

DISTRIBUTION:

Fairchild Instrument Corporation

BETWEEN:

Seve Chette

OF: NYDEC

RCRA DIVISION

PHONE:

9245

(518) 457-3274

AND:

W Schutzeeling

(NUS)

DISCUSSION:

RCRA requirements

RCRA is a federally mandated law which is implemented by states.

Subtitle C (of the RCRA Law) deals with hazardous waste. Subtitle D deals with solid waste.

RCRA deals with hazardous wastes and non-hazardous wastes.

The RCRA bill is the equivalent to The New York Bill 373.

The NY 373 is a stricter interpretation of RCRA.

ACTION ITEMS:

NUS CORPORATION

TELECON NOTE

CONTROL NO:

02 570707

DATE:

7/29/87

TIME:

1400

DISTRIBUTION:

Fairchild Instrument Corp

BETWEEN:

M. Fliescher

OF: Nassau County
Division of

Environmental Health (Ind Waste)

PHONE:

1 (516) 535-2116

AND:

W Schautzerling

(NUS)

DISCUSSION:

General Discussion about Site

Mr Fliescher described the Nassau County Division of Environmental Health Industrial Monitoring Program. Each site in Nassau County is listed with this division, and each site needs a permit to generate, store, treat or dispose of hazardous waste.

Each site in Nassau is inspected (or will be inspected when this program ~~with be~~ is implemented). Nassau was given this power to permit and regulate industry within its county by the state.

Mr Fliescher believes Fairchild has an Article II permit (given by the Nassau County Division of Health). This permit covers both hazardous waste and hazardous raw materials.

~~Mr~~ Mr Fliescher ~~knows of~~ ^{is} does not know of any problems at this site. He checked his legal consultant and found no pending cases or litigations involved Fairchild.

ACTION ITEMS:

Fairchild discharges into the sewer system. The Cedar Creek WWTP receives a combined flow from Fairchild.

Fairchild is located in a residential area.

NUS CORPORATION

TELECON NOTE

CONTROL NO:

87-7-07

DATE:

7/31/87

TIME:

14:00

DISTRIBUTION:

Fairchild Instrument Corporation

BETWEEN:

Mr. Witkowski

OF: Nassau County
Division of
Public Water Supply

PHONE:

(516) 535-3323

AND:

W. Schmitzling

(NUS)

DISCUSSION:

Questions on Drinking Water in the area
of the site.

Mr. Witkowski said there were 41 major drinking
water producers in Nassau County. The producers do not
share distribution systems. They each have their own system.

Nassau and Suffolk have been designated as
sole source aquifers by the NYDEC (and the EPA)

There are approximately 1.4 million people in Nassau City.
There are approximately 1.4 million people in ~~Suffolk~~ Suffolk City.
All these people draw water from the same aquifer system.

ACTION ITEMS:

NUS CORPORATION

TELECON NOTE

CONTROL NO:

02 8707-07

DATE:

7/30/87

TIME:

0905

DISTRIBUTION:

Fairchild Instrument Corporation
1 of 3

BETWEEN:

Mr M Flescher

OF: Nassau County Division
of Environmental Health
Industrial Waste Division

PHONE:

1 (516) 535-2416

AND:

W Schritzerling

(NUS)

DISCUSSION:

All of Nassau County is regulated under Article 11. This bill includes wastes as well as raw materials. IT is similar to RCRA, but it is more inclusive and stricter. Article 11, like RCRA, covers generation, storage, disposal and transportation of both hazardous and non-hazardous waste.

Fairchild pretreats their waste, because of this they must be in compliance with Article 11 and their sewer pretreatment discharge permit. Because Fairchild discharges directly into the sewer line (and not into groundwater) the only ~~that~~ permits Fairchild needs are the Article 11 and the sewer pretreatment discharge permits. (A SPDES permit is not needed anymore because they discharge into sewers not groundwater.)

Fairchild carries on an electroplating process, and fabricates P.C. boards

Monitoring discharge from this site is monitored constantly. The new Article 11 permit requires monitoring for Pb, Cd, Cr, Cr⁶⁺, Cu, Ph, Hg, CN, viscosity color and general pollutants. (General pollutants include BOD, and oil/grease)

Reports of the analyzer for these parameters is submitted to the Nassau County Health Department. The effluent (and its chemical constituents) and measured against the raw materials brought onto site. The county officials then ^{to} ~~determine if~~ decide if the effluent levels are acceptable. Mr Flescher stated that Fairchild is a very clean ~~ind~~ Industry and that he has no records

NUS CORPORATION

TELECON NOTE

CONTROL NO:

02 8707-07

DATE:

7/30/87

TIME:

0905

DISTRIBUTION:

Fairchild Instrument Corporation
2 of 3

BETWEEN:

Mr M Fliischer

OF: Nassau County Division
of Environmental Health
Industrial Waste Division

PHONE:

1 (516) 535-2406

AND:

W Schmitzlerling

(NUS)

DISCUSSION:

of Fairchild being out of compliance with any of their
permits

The county has ~~take~~ taken over the monitoring of this
site (under Article 11).

The last inspection was July 1987 and NO violations
were recorded. Another inspection is scheduled for August 1987 to
investigate the hazardous waste storage areas. Mr Fliischer does
not expect any problems here.

Waste is hauled from this site by EPA approved
haulers.

Included in the wastes are: Sulfuric acid, Boric acid,
Methylethyl ketone, toluene, Borillimum, cleaning and sprayer parts,
Chromium, hex Chromium, Copper, Lead and Trichloroethylene

It last year between 3500 and 4000 gallons of waste were
generated at this site. (That works out to 333
per month, or approximately 1000 gallons in a
90 day period.

On site these wastes are stored in areas that are
diked (earth and gravel) and lined with impervious soil (clay).

Fairchild has never had a spill or leak of
these stored wastes. The storage site is fenced and access
is limited to authorized employees and/or official visitors.

NUS CORPORATION

TELECON NOTE

CONTROL NO:

02-5707-07

DATE:

07/30/57

TIME:

0905

DISTRIBUTION:

Fairchild Instrument Corporation

3 of 3

BETWEEN:

Mr M. Flescher

OF: Nussau County Division
of Environmental Health
Industrial Waste Division

PHONE:

(516) 535-3406

AND:

W. Schnitzlering

(NUS)

DISCUSSION:

Drinking Water

All the drinking water in the area of Fairchild is supplied by The Jericho Water District, and it is all drawn from groundwater. There are no surface water intakes for drinking water on Long Island.

The Island's drinking water comes from the Magoghy Aquifer. There are two other aquifers below Long Island.

Glacial - (polluted not used for drinking)

Magoghy Magoghy drinking source

Llyard Also used for drinking

There are over 450 wells on Long Island that are used as sole drinking water sources by residents on the Island.

There are no private wells on Long Island.

Groundwater uses - minor irrigation use by some small nurseries in

Long Island. It is also used for air conditioning water by

ACTION ITEMS:

Several of the large shopping malls on the Island.

Long Island Officials are trying to curb these uses, and they are trying to curb development because they don't want to overuse their water resources.

Their sole drinking water source is the reason the strict and inclusive Article 11 bill was enacted. Any spill has the potential to migrate into the lower Aquifers and contaminate all of Long Island's drinking water supply.

ENVIRONMENTAL

HEALTH

Inspection Sheet

County Health Department

Owner or

Agent : Fairchild-Weston

Address: Robbins Lane

Syosset

Inspector

COMMENTS

On 6/3/81 ^{at 11:00 AM} an inspection was conducted at the above site with R. Underwood, facilities manager, Tom Green, plant engineer + Jim Herman, supervisor of failure analysis.

On 5/29/81 Fairchild connected the industrial waste discharge to the N.C. sewer system on Robbins Lane. (Sanitary had been connected prior to this.)

The inspection was conducted to inspect changes in the industrial wastewater treatment system + to discuss organic chemical monitoring completed prior to connection to the sewer.

Prior to connection to the sewer, short term monitoring of the industrial wastewater discharge revealed that the discharge was in violation of standards for methylene chloride + 1,1,1-Trichloroethane.

Mr. Herman at the request of this office on 5/8/81 had a 2nd set of samples taken on ~ 5/15-17. These are presently being analyzed by Eco-Test Laboratories and will be forwarded to us on receipt by Fairchild.

The samples were taken after changes were made in the printed circuit operation to use a static rinse after the methylene chloride bath. However the ^{2nd} water rinse after the 1,1,1-Trichloroethane bath in the

(2)

ENVIRONMENTAL
HEALTH

Continuation Sheet

Nassau County Health Department

Owner or
Agent :
Address:

Inspector

DATE

COMMENTS

laminating process still remains. Use of different developing chemicals for the photoresist (change from Dupont to KODAK KPR) & an isopropyl alcohol still rinse is being investigated. Presently the first static rinse is being held for removal. The spray rinse enters the discharge to the sewer system.

Inspection of the ~~sem~~ printed circuit operation revealed the installation of several new pieces of equipment. Static bath's discharge pipes have been ~~disconnected from~~ severed so that they can only empty from valved taps on the bottom of the tanks. This virtually eliminates the discharge hose from being "inadvertently" placed into ~~the~~ the discharge to the treatment system. Running rinses discharge via PVC pipe to a neutralization tank below the room in the basement trenches. Spray rinses have replaced most running rinses. ~~the~~ The flow from the ~~the~~ operation has been reduced from 2000 gpd to < 8000 gpd.

A new etchant machine has been installed using NH_4OH . Discharge of spent etchant is to a 55 gallon drum. Rinse water contaminated with copper flows to a "copper loop" machine. It's an ion exchange unit utilizing a fluidized bed of cation resin which is recharged by NH_4OH . The etchant wastewater

ENVIRONMENTAL
HEALTH

Continuation Sheet

Nassau County Health Department

Owner or

Agent :

Address:

Inspector

DATE

COMMENTS

is Treated to reduce the copper content to $\sim 0.1 \text{ mg/l}$.
This Treated water is discharged to the sewer.
 NH_4OH used to regenerate the cation resin is discharged
to the same 55 gallon drum receiving the spent etchant.
 ~ 8 gallons of concentrated waste is collected each
day. The copper loop has been operating 2 weeks.

Dilute wastewaters from the copper loop, spray &
rinning rinses discharge to a neutralization Tank
that is aerated & controlled by a pH Recorder/probe.
 NaOH is used to neutralize the primarily acid wastewater.
A pH recorder & meter are located next to the
allodine plating area on the floor above the Treatment
area. In addition a second ~~recorder~~ controller/~~pH~~ meter
collects a sample of wastewater just prior to
discharge into the ~~sewer system~~ main discharge
line leading to the sewer. Two settling tanks
in series are connected to the neutralization Tank
prior to final Testing of the pH. Any solids that
settle in the neutralization Tank are collected for
proper disposal by a licensed transporter. Fairchild
is installing a self-priming acid metering pump due to
occasional high pH that occur. This will be controlled
by the 1st pH controller presently used to control
caustic injection.

ENVIRONMENTAL
HEALTH

Continuation Sheet

Nassau County Health Department

Owner or

Agent :

Address:

Inspector

DATE

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ENVIRONMENTAL
HEALTH

Continuation Sheet

Nassau County Health Department

Owner or

Agent :

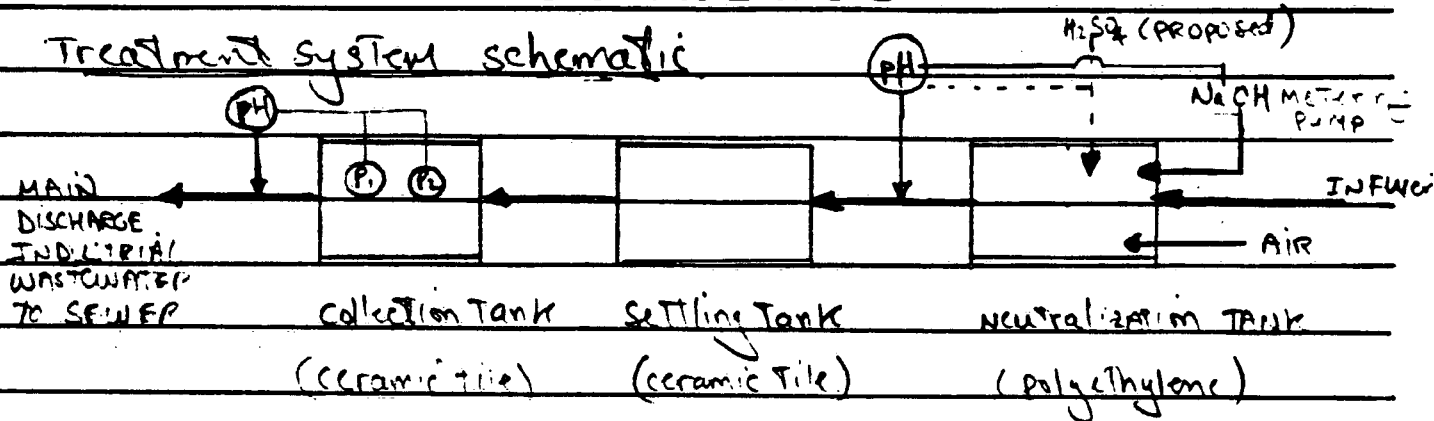
Address:

Inspector

DATE

COMMENTS

Treatment system schematic



① - pump 1

② pump 2 (being repaired at time of inspection)

The discharge of Treated water is pumped overhead ~ 300 - 400 feet to the northeast corner of the building where a sampling chamber was located which included a V-NOTCH weir. A ^{very} small amount of water was seen discharging from the pipe. (The collection Tank ~~was~~ pump was not on at the time as the water level was low & had not activated the pump via a float control). Cleanout traps are located in the discharge line to the lateral extending to Robbins lane. A valve is immediately downstream from the sampling box to be used by NPH for immediate enforcement if necessary.

An inspection of the recharge basin revealed discharge to be continuing. The water appeared to be clean. This water is a combination of non-contact cooling water (air conditioning, welding), the cooling tower bleed + boiler blowdown. (within 2 MONTHS)